











## Previously Issued reports and Documents

Project Name	Oak Creek Heritage Lodge	3/30/23
Project Address	115 Schnebly Hill Road	Parcel No. (APN) 401-18-031D (8 Parcels see below)

### FOLDER 4: ENGINEERING REPORTS + CIVIL DOCUMENTS

#### CONTENTS:

-  2023-03-15-OCHL-Existing Tree Report\_compressed.pdf
-  OCHL - Historic Property Inventory Forms - Compiled.pdf
-  Approval Patrot Disposal.pdf
-  Approval Unisource Gas.pdf
-  Approved APS Will Serve.pdf
-  Approved Az Water Co\_Letter of Serviceability\_Dated 3-15-21.pdf
-  Approved Centurylink Will Serve Letter.pdf
-  Approved City of Sedona Sewer Will Serve.pdf
-  Approved Taylor Waste.pdf
-  Sedona Oak Creek Heritage Lodge Sustainability - MEP Report\_v3.pdf



## Tree Report – Oak Creek Heritage Lodge

**Prepared for:**

R.D. Olson

**Property:**

115 Schnebly Hill Road  
Sedona, AZ 86336

**Contacts:**

Wade Ganes  
714-640-4224  
Wade.Ganes@BrightView.com

**Prepared by:**

Antone Silva  
ISA Certified Arborist WE-11578a  
BrightView Tree Care Services  
2926 E Illini Street  
Phoenix, AZ 85040  
602-245-7076  
Antone.Silva@BrightView.com

January 9, 2023



## Table of Contents

Summary

Assignment

Tree Characteristics and Site Conditions

Development Impact

Visual Tree Map

Assumptions and Limiting Conditions



## Summary

This Tree Report was prepared at the request of the property owner, R.D Olson. The owner is preparing to redevelop the property with the new Oak Creek Heritage Lodge.

The property is located in Sedona and is surrounding 115 Schnebly Hill Road Sedona, AZ 86336. It primarily consists of a mixture of residential homes and minimally touched open land and riparian zones.

## Assignment

The assignment included the compilation of a tree inventory within the property line boundaries to aid with determining the impact of development to all trees on site.

### Data Points Recorded:

- Numerical ID
- Date Tagged
- Common Name
- Botanical Name
- Approximate Height Range
- Approximate DBH/Caliper Range
- Health
- Approximate Canopy Spread Range
- Latitude
- Longitude

### Considerations:

- Being that most trees on site are deciduous, exact tree species identification on some trees was difficult without leaves, and species should be considered approximate.
- GPS accuracy is affected when under tree stands and locations are approximate.



## **Tree Characteristics and Site Conditions**

The trees within the riparian zones lie mostly untouched in their natural setting. The area contains large amounts of volunteers from natural tree reproduction habits over the years.

Streets and open fields contain many native trees that have largely remained untouched aside from clearance pruning from streets, utilities, driveways, etc.

Around the structures, many deliberately planted trees exist and appear to have been maintained over the years.

Overall, the health of the entire stand of trees throughout the property is well above average when taking the setting into consideration.

## **Development Impact**

As with all construction projects, construction that takes place in areas where trees are currently standing will require relocation or removal of select trees. There are many trees on site which would not reasonably be recommended to be boxed up and relocated due to health, structure, and species; although this is likely subject to local ordinance.

Trees that stand *near* future structure or hardscape construction should have tree protection zones (TPZ) established to manage impact to the trees both above (canopy), and below ground (root system).

### Visual Tree Map





## **Assumptions and Limiting Conditions**

No warranty is made, expressed or implied, that problems or deficiencies of the trees or the property will not occur in the future, from any cause. The Arborist shall not be responsible for damages or injuries caused by any tree defects and assumes no responsibility for the correction of defects or tree related problems.

The owner of the trees may choose to accept or disregard the recommendations of the Arborist or seek additional advice to determine if a tree meets the owner's risk abatement standards.

The Arborist has no past, present or future interest in the removal or retaining of any tree. Opinions contained herein are the independent and objective judgments of the Arborist relating to circumstances and observations made on the subject site.

The recommendations contained in this report are the opinions of the Arborist at the time of inspection. These opinions are based on the knowledge, experience, and education of the Arborist. The field inspection was a visual, grade level tree assessment.

The Arborist shall not be required to give testimony, perform site monitoring, provide further documentation, be deposed, or to attend any meeting without subsequent contractual arrangements for this additional employment, including payment of additional fees for such services as described by the Arborist.

The Arborist assumes no responsibility for verification of ownership or locations of property lines, or for results of any actions or recommendations based on inaccurate information.

This Arborist report may not be reproduced without the express permission of the Arborist and the client to whom the report was issued. Any change or alteration to this report invalidates the entire report.

Should you have any further questions regarding this property, please contact me at (602)245-7076.

Respectfully,

Antone Silva  
ISA Certified Arborist WE-11578a



December 19, 2022

*Populus deltoides* ID# 3  
Eastern Cottonwood  
Height: 16'-30'  
Health: 0% - Dead



December 19, 2022

*Prosopis velutina* ID# 4  
Velvet Mesquite  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Prosopis velutina* ID# 5  
Velvet Mesquite  
Height: 1'-15'  
Health: 100% - Excellent



Hardscape Damage: 11'-20'

RG 8



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





December 19, 2022

*Populus deltoides* ID# 6  
Eastern Cottonwood  
Height: 1'-15'  
Health: 0% - Dead



December 19, 2022

*Liquidambar styraciflua* ID# 7  
Liquidambar  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Populus deltoides* ID# 9  
Eastern Cottonwood  
Height: 1'-15'  
Health: 0% - Dead



Hardscape Damage: 1'-10'

RG 4



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'

RG 2



December 19, 2022

*Celtis occidentalis* ID# 10  
Common Hackberry  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Juniperus osteosperma* ID# 11  
Utah Juniper  
Height: 16'-30'  
Health: 90% - Very Good

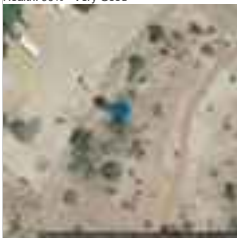


December 19, 2022

*Celtis occidentalis* ID# 12  
Common Hackberry  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



December 19, 2022

*Juniperus osteosperma* ID# 13  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Juniperus osteosperma* ID# 14  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

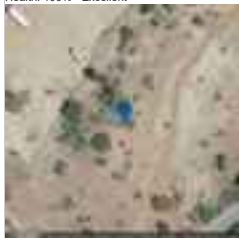
*Juniperus osteosperma* ID# 15  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 16  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Prosopis velutina* ID# 17  
Velvet Mesquite  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Juniperus osteosperma* ID# 18  
Utah Juniper  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 19  
 Utah Juniper  
 Height: 16'-30'  
 Health: 80% - Good

**16 megs**



December 19, 2022

*Juniperus osteosperma* ID# 20  
 Utah Juniper  
 Height: 1'-15'  
 Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 21  
 Velvet Mesquite  
 Height: 1'-15'  
 Health: 100% - Excellent



Hardscape Damage: 21'-30'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 22  
Velvet Mesquite  
Height: 1'-15'  
Health: 100% - Excellent



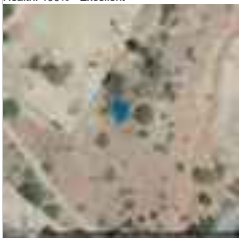
December 19, 2022

*Prosopis velutina* ID# 23  
Velvet Mesquite  
Height: 1'-15'  
Health: 100% - Excellent

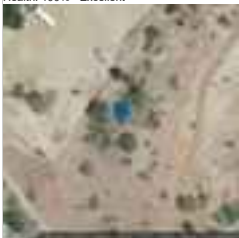


December 19, 2022

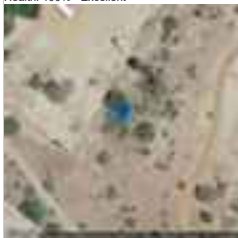
*Prosopis velutina* ID# 24  
Velvet Mesquite  
Height: 1'-15'  
Health: 100% - Excellent



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 19, 2022

*Celtis occidentalis* ID# 25  
Common Hackberry  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 27  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 28  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 29  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Juniperus osteosperma* ID# 30  
Utah Juniper  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 31  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'





December 19, 2022

*Prosopis velutina* ID# 32  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Ulmus pumila* ID# 33  
Siberian Elm  
Height: 1'-15'  
Health: 60% - Fair



December 19, 2022

*Yucca baccata* ID# 34  
Banana Yucca  
Height: 1'-15'  
Health: 100% - Excellent



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Yucca baccata* ID# 35  
Banana Yucca  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Prosopis velutina* ID# 36  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

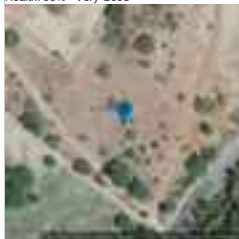
*Prosopis velutina* ID# 37  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 38  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 39  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Populus deltoides* ID# 40  
Eastern Cottonwood  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 31'-40'



December 19, 2022

*Populus deltoides* ID# 41  
Eastern Cottonwood  
Height: 16'-30'  
Health: 60% - Fair



December 19, 2022

*Populus deltoides* ID# 42  
Eastern Cottonwood  
Height: 16'-30'  
Health: 60% - Fair



December 19, 2022

*Populus deltoides* ID# 43  
Eastern Cottonwood  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



December 19, 2022

*Juniperus osteosperma* ID# 44  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Juniperus osteosperma* ID# 45  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

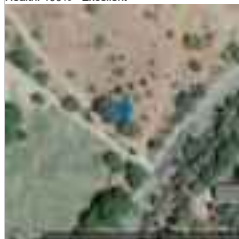
*Juniperus osteosperma* ID# 46  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 19, 2022

*Juniperus osteosperma* ID# 47  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



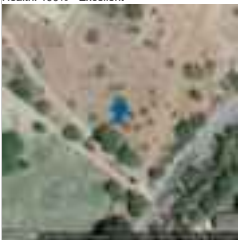
December 19, 2022

*Prosopis velutina* ID# 48  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Juniperus osteosperma* ID# 49  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 50  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Prosopis velutina* ID# 51  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 52  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 53  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Juniperus osteosperma* ID# 54  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Prosopis velutina* ID# 55  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





December 19, 2022

*Prosopis velutina* ID# 56  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 57  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 58  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 59  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 60  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 61  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 62  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 63  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 64  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 65  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 66  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 67  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 68  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Juniperus osteosperma* ID# 69  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Juniperus osteosperma* ID# 70  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 71  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Juniperus osteosperma* ID# 72  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Juniperus osteosperma* ID# 73  
Utah Juniper  
Height: 31'-45'  
Health: 100% - Excellent



Hardscape Damage: 1'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 21'-30'



December 19, 2022

*Prosopis velutina* ID# 74  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 75  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Cupressus arizonica* ID# 76  
Arizona Cypress  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 19, 2022

*Cupressus arizonica* ID# 77  
Arizona Cypress  
Height: 16'-30'  
Health: 100% - Excellent



December 19, 2022

*Prosopis velutina* ID# 78  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 79  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'





January 24, 2023

*Ailanthus altissima* ID# 80  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 81  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 82  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 83  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 84  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 85  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 86  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 87  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 88  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 89  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 90  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 91  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 92  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 93  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 94  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 95  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 96  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 97  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 98  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 99  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 100  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 101  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 102  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 103  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





January 24, 2023

*Ailanthus altissima* ID# 104  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 105  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 106  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 107  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 108  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 109  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 110  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 111  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 112  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 113  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 114  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 115  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Ailanthus altissima* ID# 116  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 117  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 118  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 119  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 120  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 121  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 122  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 123  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 124  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 125  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 126  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 127  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





January 24, 2023

*Ailanthus altissima* ID# 128  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 129  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 130  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 131  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 132  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 133  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 134  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 135  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 136  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 137  
Tree of Heaven  
Height: 1'-15"  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 138  
Tree of Heaven  
Height: 1'-15"  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 139  
Tree of Heaven  
Height: 1'-15"  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 140  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 141  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 142  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 143  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 144  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 145  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 146  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 147  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 148  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 149  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 150  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 151  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





January 24, 2023

*Ailanthus altissima* ID# 152  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 153  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 154  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 155  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 156  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 157  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 158  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 159  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 160  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 161  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 162  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 163  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 164  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 165  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 166  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 167  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 168  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 169  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 170  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 171  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 172  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 173  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 174  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 175  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





January 24, 2023

*Ailanthus altissima* ID# 176  
 Tree of Heaven  
 Height: 1'-15'  
 Health: 90% - Very Good



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 177  
 Tree of Heaven  
 Height: 1'-15'  
 Health: 90% - Very Good



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 178  
 Tree of Heaven  
 Height: 1'-15'  
 Health: 90% - Very Good



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 179  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 180  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 181  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 182  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 183  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 184  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 185  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 186  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 187  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 188  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 189  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 190  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 191  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 192  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 193  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 194  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 195  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 196  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 197  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 198  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 199  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





January 24, 2023

*Ailanthus altissima* ID# 200  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 201  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 202  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 203  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 204  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 205  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 206  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 207  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 208  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 209  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 210  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 211  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 212  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 213  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 214  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 215  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 216  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 217  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 218  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 219  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 220  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 221  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 222  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 223  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





January 24, 2023

*Ailanthus altissima* ID# 224  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 225  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 226  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 227  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 228  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 229  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 230  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 231  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 232  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 233  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 234  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 235  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 236  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 236  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 237  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 238  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 239  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 240  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 241  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 242  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 243  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 244  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 245  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 246  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





December 19, 2022

*Prosopis velutina* ID# 247  
 Velvet Mesquite  
 Height: 1'-15'  
 Health: 80% - Good



Hardscape Damage: 11'-20'



January 24, 2023

*Ailanthus altissima* ID# 248  
 Tree of Heaven  
 Height: 1'-15'  
 Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 249  
 Tree of Heaven  
 Height: 1'-15'  
 Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 250  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 251  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 252  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 253  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 254  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Ailanthus altissima* ID# 255  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Ailanthus altissima* ID# 256  
Tree of Heaven  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



December 19, 2022

*Ailanthus altissima* ID# 257  
Tree of Heaven  
Height: 16'-30'  
Health: 60% - Fair



Hardscape Damage: 21'-30'



December 19, 2022

*Juniperus osteosperma* ID# 258  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 259  
Utah Juniper  
Height: 16'-30'  
Health: 90% - Very Good



December 19, 2022

*Juniperus osteosperma* ID# 260  
Utah Juniper  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Juniperus osteosperma* ID# 261  
Utah Juniper  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 262  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 263  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 264  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Celtis occidentalis* ID# 265  
Common Hackberry  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 266  
Velvet Mesquite  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 267  
Velvet Mesquite  
Height: 1'-15'  
Health: 60% - Fair



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 19, 2022

*Quercus engelmannii* ID# 268  
Engelmann Oak  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Quercus engelmannii* ID# 268  
Engelmann Oak  
Height: 1'-15'  
Health: 90% - Very Good



January 24, 2023

*Juniperus osteosperma* ID# 269  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





December 19, 2022

*Prosopis velutina* ID# 270  
Velvet Mesquite  
Height: 1'-15'  
Health: 60% - Fair



December 19, 2022

*Prosopis velutina* ID# 271  
Velvet Mesquite  
Height: 1'-15'  
Health: 60% - Fair



December 19, 2022

*Prosopis velutina* ID# 272  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 19, 2022

*Juniperus osteosperma* ID# 273  
Utah Juniper  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Juniperus osteosperma* ID# 274  
Utah Juniper  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Juniperus osteosperma* ID# 275  
Utah Juniper  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 19, 2022

*Prosopis velutina* ID# 276  
Velvet Mesquite  
Height: 1'-15'  
Health: 60% - Fair



December 19, 2022

*Prosopis velutina* ID# 277  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 278  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



December 19, 2022

*Prosopis velutina* ID# 279  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 280  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 281  
Velvet Mesquite  
Height: 1'-15'  
Health: 40% - Poor



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 282  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 283  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 284  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 285  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 286  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 287  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 288  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Juniperus osteosperma* ID# 289  
Utah Juniper  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Juniperus osteosperma* ID# 290  
Utah Juniper  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 291  
Utah Juniper  
Height: 1'-15'  
Health: 0% - Dead



December 19, 2022

*Prosopis velutina* ID# 292  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 293  
Velvet Mesquite  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'

RG 2



Hardscape Damage: 1'-10'



Hardscape Damage: 31'-40'





December 19, 2022

*Prosopis velutina* ID# 294  
Velvet Mesquite  
Height: 1'-15'  
Health: 60% - Fair



December 19, 2022

*Prosopis velutina* ID# 295  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 296  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



December 19, 2022

*Prosopis velutina* ID# 297  
Velvet Mesquite  
Height: 1'-15'  
Health: 60% - Fair



December 19, 2022

*Celtis occidentalis* ID# 298  
Common Hackberry  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 299  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 19, 2022

*Juniperus osteosperma* ID# 300  
Utah Juniper  
Height: 16'-30'  
Health: 100% - Excellent



Hardscape Damage: 11'-20'



December 19, 2022

*Pinus edulis* ID# 301  
Pinyon Pine  
Height: 1'-15'  
Health: 100% - Excellent



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 302  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 303  
Utah Juniper  
Height: 1'-15'  
Health: 100% - Excellent



December 19, 2022

*Juniperus osteosperma* ID# 304  
Utah Juniper  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Prosopis velutina* ID# 305  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Populus deltoides* ID# 306  
Eastern Cottonwood  
Height: 16'-30'  
Health: 60% - Fair



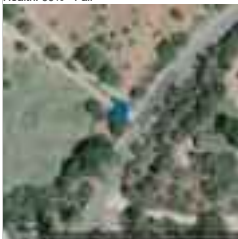
December 19, 2022

*Juniperus osteosperma* ID# 307  
Utah Juniper  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Juniperus osteosperma* ID# 308  
Utah Juniper  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



December 19, 2022

*Populus deltoides* ID# 309  
Eastern Cottonwood  
Height: 46'-60'  
Health: 80% - Good



December 19, 2022

*Cupressus arizonica* ID# 310  
Arizona Cypress  
Height: 31'-45'  
Health: 100% - Excellent



December 19, 2022

*Carya illinoensis* ID# 311  
Pecan  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 41'-50'



Hardscape Damage: 31'-40'



Hardscape Damage: 1'-10'



December 19, 2022

*Pistacia chinensis* ID# 312  
 Chinese Pistache  
 Height: 16'-30'  
 Health: 90% - Very Good



Hardscape Damage: 21'-30'



December 19, 2022

*Juniperus osteosperma* ID# 313  
 Utah Juniper  
 Height: 1'-15'  
 Health: 80% - Good



Hardscape Damage: 1'-10'



December 19, 2022

*Cupressus arizonica* ID# 314  
 Arizona Cypress  
 Height: 31'-45'  
 Health: 100% - Excellent



Hardscape Damage: 21'-30'



December 19, 2022

*Prosopis velutina* ID# 315  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Fraxinus americana* ID# 316  
White Ash  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Populus deltoides* ID# 317  
Eastern Cottonwood  
Height: 31'-45'  
Health: 40% - Poor



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 21'-30'





December 19, 2022

*Quercus berberidifolia* ID# 318  
California Scrub Oak  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



December 19, 2022

*Populus deltoides* ID# 319  
Eastern Cottonwood  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 21'-30'



December 19, 2022

*Pinus edulis* ID# 320  
Pinyon Pine  
Height: 31'-45'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



December 19, 2022

*Celtis occidentalis* ID# 321  
Common Hackberry  
Height: 31'-45'  
Health: 90% - Very Good



December 19, 2022

*Celtis occidentalis* ID# 322  
Common Hackberry  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Celtis sinensis* ID# 323  
Chinese Hackberry  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



December 19, 2022

*Ulmus pumila* ID# 324  
Siberian Elm  
Height: 1'-15'  
Health: 60% - Fair



December 19, 2022

*Prosopis velutina* ID# 325  
Velvet Mesquite  
Height: 31'-45'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 326  
Velvet Mesquite  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



December 19, 2022

*Juniperus osteosperma* ID# 327  
Utah Juniper  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Populus deltoides* ID# 328  
Eastern Cottonwood  
Height: 46'-60'  
Health: 80% - Good



December 19, 2022

*Populus deltoides* ID# 329  
Eastern Cottonwood  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 31'-40'



Hardscape Damage: 31'-40'



December 19, 2022

*Juniperus osteosperma* ID# 330  
 Utah Juniper  
 Height: 16'-30'  
 Health: 80% - Good



Hardscape Damage: 11'-20'



January 24, 2023

*Prosopis velutina* ID# 331  
 Velvet Mesquite  
 Height: 1'-15'  
 Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 332  
 Velvet Mesquite  
 Height: 1'-15'  
 Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 333  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good

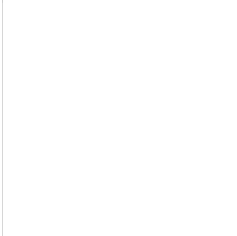


Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 334  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 335  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 336  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 337  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 338  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 339  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 340  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 341  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





January 24, 2023

*Prosopis velutina* ID# 342  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 343  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 344  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 345  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 346  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 347  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 348  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 349  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 350  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 351  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 352  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 353  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 354  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 355  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 356  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 357  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 358  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 359  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 360  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 361  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 362  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 363  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 364  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 365  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





January 24, 2023

*Prosopis velutina* ID# 366  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 367  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 368  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 369  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 370  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 371  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 372  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 373  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 374  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Prosopis velutina* ID# 375  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



January 24, 2023

*Prosopis velutina* ID# 376  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Carya illinoensis* ID# 377  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'



December 19, 2022

*Fraxinus velutina* ID# 378  
Modesto Ash  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Robinia pseudoacacia* ID# 379  
Black Locust  
Height: 31'-45'  
Health: 80% - Good



December 19, 2022

*Cupressus arizonica* ID# 380  
Arizona Cypress  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



December 19, 2022

*Populus deltoides* ID# 381  
Eastern Cottonwood  
Height: 46'-60'  
Health: 80% - Good



December 19, 2022

*Platanus wrightii* ID# 382  
Arizona Sycamore  
Height: 31'-45'  
Health: 60% - Fair



December 19, 2022

*Cedrus deodara* ID# 383  
Deodar Cedar  
Height: 46'-60'  
Health: 90% - Very Good



Hardscape Damage: 51'-60'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



December 19, 2022

*Cupressus arizonica* ID# 384  
Arizona Cypress  
Height: 31'-45'  
Health: 80% - Good



December 19, 2022

*Cupressus arizonica* ID# 385  
Arizona Cypress  
Height: 31'-45'  
Health: 80% - Good



December 19, 2022

*Populus deltoides* ID# 386  
Eastern Cottonwood  
Height: 46'-60'  
Health: 40% - Poor



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



December 19, 2022

*Morus alba* ID# 387  
White Mulberry  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 21'-30'



December 19, 2022

*Carya illinoensis* ID# 388  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'



January 24, 2023

*Carya illinoensis* ID# 389  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'





January 24, 2023

*Carya illinoensis* ID# 390  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 391  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 392  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 24, 2023

*Carya illinoensis* ID# 393  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 394  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 395  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 24, 2023

*Carya illinoensis* ID# 396  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 397  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 398  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



January 24, 2023

*Carya illinoensis* ID# 399  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 400  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 401  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 24, 2023

*Carya illinoensis* ID# 402  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 403  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 404  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 24, 2023

*Carya illinoensis* ID# 405  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 406  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



January 24, 2023

*Carya illinoensis* ID# 407  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 24, 2023

*Carya illinoensis* ID# 408  
Pecan  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



December 19, 2022

*Fruit Tree* ID# 409  
Fruit Tree  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



December 19, 2022

*Cupressus arizonica* ID# 410  
Arizona Cypress  
Height: 31'-45'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'



December 19, 2022

*Carya illinoensis* ID# 411  
Pecan  
Height: 16'-30'  
Health: 40% - Poor



December 19, 2022

*Carya illinoensis* ID# 412  
Pecan  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Carya illinoensis* ID# 413  
Pecan  
Height: 16'-30'  
Health: 40% - Poor



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'





December 19, 2022

*Carya illinoensis* ID# 414  
Pecan  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Carya illinoensis* ID# 415  
Pecan  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Carya illinoensis* ID# 416  
Pecan  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 24, 2023

*Carya illinoensis* ID# 417  
Pecan  
Height: 31'-45'  
Health: 80% - Good



January 24, 2023

*Carya illinoensis* ID# 418  
Pecan  
Height: 31'-45'  
Health: 80% - Good



January 24, 2023

*Carya illinoensis* ID# 419  
Pecan  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 24, 2023

*Carya illinoensis* ID# 420  
Pecan  
Height: 31'-45'  
Health: 80% - Good



January 24, 2023

*Carya illinoensis* ID# 421  
Pecan  
Height: 31'-45'  
Health: 80% - Good



January 24, 2023

*Carya illinoensis* ID# 422  
Pecan  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Carya illinoensis* ID# 423  
Pecan  
Height: 16'-30'  
Health: 80% - Good



January 24, 2023

*Carya illinoensis* ID# 424  
Pecan  
Height: 16'-30'  
Health: 80% - Good



January 24, 2023

*Carya illinoensis* ID# 425  
Pecan  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 24, 2023

*Carya illinoensis* ID# 426  
Pecan  
Height: 16'-30'  
Health: 80% - Good



January 24, 2023

*Carya illinoensis* ID# 427  
Pecan  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Robinia pseudoacacia* ID# 428  
Black Locust  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Celtis sinensis* ID# 429  
Chinese Hackberry  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Carya illinoensis* ID# 430  
Pecan  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Celtis sinensis* ID# 431  
Chinese Hackberry  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



December 19, 2022

*Carya illinoensis* ID# 432  
Pecan  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Robinia pseudoacacia* ID# 433  
Black Locust  
Height: 16'-30'  
Health: 90% - Very Good



December 19, 2022

*Fraxinus velutina* ID# 434  
Modesto Ash  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 435  
Utah Juniper  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Fruit Tree* ID# 436  
*Fruit Tree*  
Height: 1'-15'  
Health: 40% - Poor



December 19, 2022

*Fruit Tree* ID# 437  
*Fruit Tree*  
Height: 1'-15'  
Health: 40% - Poor



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





December 19, 2022

*Fruit Tree* ID# 438  
*Fruit Tree*  
Height: 1'-15'  
Health: 60% - Fair



December 19, 2022

*Fruit Tree* ID# 439  
*Fruit Tree*  
Height: 1'-15'  
Health: 40% - Poor



December 19, 2022

*Fruit Tree* ID# 440  
*Fruit Tree*  
Height: 1'-15'  
Health: 40% - Poor



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

Fruit Tree ID# 441  
Fruit Tree  
Height: 1'-15'  
Health: 40% - Poor



December 19, 2022

Fruit Tree ID# 442  
Fruit Tree  
Height: 1'-15'  
Health: 40% - Poor



December 19, 2022

*Carya illinoensis* ID# 443  
Pecan  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 21'-30'



December 19, 2022

*Robinia pseudoacacia* ID# 444  
Black Locust  
Height: 16'-30'  
Health: 90% - Very Good



December 19, 2022

*Carya illinoensis* ID# 445  
Pecan  
Height: 16'-30'  
Health: 60% - Fair



December 19, 2022

*Cupressus arizonica* ID# 446  
Arizona Cypress  
Height: 31'-45'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 31'-40'



December 19, 2022

*Morus alba* ID# 447  
White Mulberry  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Morus alba* ID# 448  
White Mulberry  
Height: 16'-30'  
Health: 40% - Poor



December 19, 2022

*Fruit Tree* ID# 449  
Fruit Tree  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 19, 2022

*Celtis occidentalis* ID# 450  
Common Hackberry  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Populus deltoides* ID# 451  
Eastern Cottonwood  
Height: 31'-45'  
Health: 40% - Poor



December 19, 2022

*Fraxinus velutina* ID# 452  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



December 19, 2022

*Platanus wrightii* ID# 453  
Arizona Sycamore  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Quercus engelmannii* ID# 454  
Engelmann Oak  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Juniperus osteosperma* ID# 455  
Utah Juniper  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 456  
Utah Juniper  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Celtis occidentalis* ID# 457  
Common Hackberry  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Pinus edulis* ID# 458  
Pinyon Pine  
Height: 31'-45'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



December 19, 2022

*Morus alba* ID# 459  
White Mulberry  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Olea europaea* ID# 460  
Olive Tree  
Height: 16'-30'  
Health: 100% - Excellent



December 19, 2022

*Morus alba* ID# 461  
White Mulberry  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'





December 19, 2022

*Celtis occidentalis* ID# 462  
Common Hackberry  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Fraxinus velutina* ID# 463  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Populus deltoides* ID# 464  
Eastern Cottonwood  
Height: 46'-60'  
Health: 20% - Critical



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'

RG 14



December 19, 2022

*Populus deltoides* ID# 465  
Eastern Cottonwood  
Height: 46'-60'  
Health: 20% - Critical



December 19, 2022

*Populus deltoides* ID# 466  
Eastern Cottonwood  
Height: 16'-30'  
Health: 40% - Poor



December 19, 2022

*Juniperus osteosperma* ID# 467  
Utah Juniper  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'

RG 14



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



December 19, 2022

*Juniperus osteosperma* ID# 468  
Utah Juniper  
Height: 16'-30'  
Health: 90% - Very Good



December 19, 2022

*Fruit Tree* ID# 469  
Fruit Tree  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Fruit Tree* ID# 470  
Fruit Tree  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 19, 2022

*Fruit Tree* ID# 471  
*Fruit Tree*  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Fruit Tree* ID# 472  
*Fruit Tree*  
Height: 1'-15'  
Health: 80% - Good

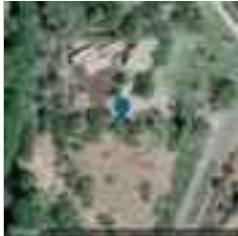


December 19, 2022

*Sapindus saponaria* ID# 473  
*Wingleaf Soapberry*  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 475  
Utah Juniper  
Height: 31'-45'  
Health: 90% - Very Good



December 19, 2022

*Juniperus osteosperma* ID# 476  
Utah Juniper  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Juniperus osteosperma* ID# 477  
Utah Juniper  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 31'-40'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 478  
Utah Juniper  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Cupressus arizonica* ID# 479  
Arizona Cypress  
Height: 31'-45'  
Health: 0% - Dead



December 19, 2022

*Prosopis velutina* ID# 480  
Velvet Mesquite  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'

RG 14



Hardscape Damage: 21'-30'



December 19, 2022

*Quercus berberidifolia* ID# 481  
California Scrub Oak  
Height: 16'-30'  
Health: 40% - Poor



December 19, 2022

*Prosopis velutina* ID# 482  
Velvet Mesquite  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 483  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 1'-10'



December 19, 2022

*Juniperus osteosperma* ID# 484  
Utah Juniper  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 485  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 486  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'





December 19, 2022

*Prosopis velutina* ID# 487  
Velvet Mesquite  
Height: 1'-15'  
Health: 40% - Poor



December 19, 2022

*Platanus wrightii* ID# 488  
Arizona Sycamore  
Height: 31'-45'  
Health: 80% - Good



December 19, 2022

*Platanus wrightii* ID# 489  
Arizona Sycamore  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



December 19, 2022

*Platanus wrightii* ID# 490  
Arizona Sycamore  
Height: 31'-45'  
Health: 80% - Good



December 19, 2022

*Platanus wrightii* ID# 491  
Arizona Sycamore  
Height: 31'-45'  
Health: 80% - Good



December 19, 2022

*Juniperus osteosperma* ID# 492  
Utah Juniper  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 31'-40'



Hardscape Damage: 31'-40'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 493  
Velvet Mesquite  
Height: 1'-15'  
Health: 40% - Poor



December 19, 2022

*Prosopis velutina* ID# 494  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 495  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 19, 2022

*Prosopis velutina* ID# 496  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 497  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Prosopis velutina* ID# 498  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 19, 2022

*Prosopis velutina* ID# 499  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Fruit Tree* ID# 500  
Fruit Tree  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Diospyros virginiana* ID# 501  
Common Persimmon  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 19, 2022

*Fruit Tree* ID# 502  
*Fruit Tree*  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Fruit Tree* ID# 503  
*Fruit Tree*  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Prunus dulcis* ID# 504  
*Almond Tree*  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



December 19, 2022

*Prunus dulcis* ID# 505  
Almond Tree  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Fruit Tree* ID# 506  
Fruit Tree  
Height: 1'-15'  
Health: 60% - Fair



December 19, 2022

*Fruit Tree* ID# 507  
Fruit Tree  
Height: 1'-15'  
Health: 40% - Poor



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 19, 2022

*Fruit Tree* ID# 508  
*Fruit Tree*  
Height: 1'-15'  
Health: 40% - Poor



December 19, 2022

*Fruit Tree* ID# 509  
*Fruit Tree*  
Height: 16'-30'  
Health: 60% - Fair



December 19, 2022

*Fruit Tree* ID# 510  
*Fruit Tree*  
Height: 1'-15'  
Health: 60% - Fair



Hardscape Damage: 1'-10'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'





December 19, 2022

*Fruit Tree* ID# 511  
*Fruit Tree*  
Height: 1'-15'  
Health: 60% - Fair



December 19, 2022

*Fruit Tree* ID# 512  
*Fruit Tree*  
Height: 1'-15'  
Health: 60% - Fair



December 19, 2022

*Fruit Tree* ID# 513  
*Fruit Tree*  
Height: 16'-30'  
Health: 60% - Fair



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 19, 2022

*Juglans californica* ID# 514  
California Black Walnut  
Height: 16'-30'  
Health: 90% - Very Good



December 19, 2022

*Juglans californica* ID# 515  
California Black Walnut  
Height: 16'-30'  
Health: 90% - Very Good



December 19, 2022

*Fruit Tree* ID# 516  
Fruit Tree  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



December 19, 2022

Fruit Tree ID# 517  
Fruit Tree  
Height: 1'-15'  
Health: 80% - Good



December 19, 2022

*Quercus douglasii* ID# 518  
Blue Oak  
Height: 1'-15'  
Health: 90% - Very Good



December 19, 2022

*Quercus douglasii* ID# 519  
Blue Oak  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 31'-40'



December 19, 2022

*Quercus douglasii* ID# 520  
Blue Oak  
Height: 16'-30'  
Health: 90% - Very Good



December 19, 2022

*Morus alba* ID# 521  
White Mulberry  
Height: 31'-45'  
Health: 80% - Good



December 19, 2022

*Morus alba* ID# 522  
White Mulberry  
Height: 16'-30'  
Health: 60% - Fair



Hardscape Damage: 41'-50'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



December 19, 2022

*Platanus wrightii* ID# 523  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



December 19, 2022

*Fraxinus velutina* ID# 524  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



December 19, 2022

*Alnus rhombifolia* ID# 525  
White Alder  
Height: 31'-45'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



December 19, 2022

*Prosopis velutina* ID# 526  
Velvet Mesquite  
Height: 16'-30'  
Health: 90% - Very Good



December 20, 2022

*Chamaecyparis lawsoniana* ID# 527  
Port Orford Cedar  
Height: 16'-30'  
Health: 90% - Very Good



December 20, 2022

*Quercus douglasii* ID# 528  
Blue Oak  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



December 20, 2022

*Celtis occidentalis* ID# 529  
Common Hackberry  
Height: 1'-15'  
Health: 80% - Good



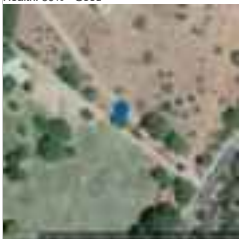
December 20, 2022

*Celtis occidentalis* ID# 530  
Common Hackberry  
Height: 1'-15'  
Health: 90% - Very Good



December 20, 2022

*Prosopis velutina* ID# 531  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 20, 2022

*Ulmus pumila* ID# 532  
Siberian Elm  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Prosopis velutina* ID# 533  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



December 20, 2022

*Prosopis velutina* ID# 534  
Velvet Mesquite  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'





December 20, 2022

*Fruit Tree* ID# 535  
*Fruit Tree*  
Height: 1'-15'  
Health: 80% - Good



December 20, 2022

*Fruit Tree* ID# 536  
*Fruit Tree*  
Height: 1'-15'  
Health: 80% - Good



December 20, 2022

*Fruit Tree* ID# 537  
*Fruit Tree*  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 20, 2022

Fruit Tree ID# 538  
Fruit Tree  
Height: 1'-15'  
Health: 80% - Good



December 20, 2022

*Quercus douglasii* ID# 539  
Blue Oak  
Height: 31'-45'  
Health: 90% - Very Good



December 20, 2022

*Quercus douglasii* ID# 540  
Blue Oak  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



December 20, 2022

*Prosopis velutina* ID# 541  
Velvet Mesquite  
Height: 1'-15'  
Health: 80% - Good



December 20, 2022

*Morus alba* ID# 542  
White Mulberry  
Height: 31'-45'  
Health: 40% - Poor



December 20, 2022

*Alnus rhombifolia* ID# 543  
White Alder  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'



Hardscape Damage: 31'-40'



Hardscape Damage: 1'-10'



December 20, 2022

*Alnus rhombifolia* ID# 544  
White Alder  
Height: 16'-30'  
Health: 90% - Very Good



December 20, 2022

*Alnus rhombifolia* ID# 545  
White Alder  
Height: 1'-15'  
Health: 90% - Very Good



December 20, 2022

*Alnus rhombifolia* ID# 546  
White Alder  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 20, 2022

*Alnus rhombifolia* ID# 547  
 White Alder  
 Height: 1'-15'  
 Health: 90% - Very Good



Hardscape Damage: 1'-10'



December 20, 2022

*Quercus douglasii* ID# 548  
 Blue Oak  
 Height: 16'-30'  
 Health: 90% - Very Good



Hardscape Damage: 21'-30'



December 20, 2022

*Populus deltoides* ID# 549  
 Eastern Cottonwood  
 Height: 31'-45'  
 Health: 20% - Critical



Hardscape Damage: 11'-20'

RG 18



December 20, 2022

*Populus deltoides* ID# 550  
Eastern Cottonwood  
Height: 46'-60'  
Health: 20% - Critical



Hardscape Damage: 31'-40'

RG 30



December 20, 2022

*Quercus douglasii* ID# 551  
Blue Oak  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 31'-40'



December 20, 2022

*Populus deltoides* ID# 552  
Eastern Cottonwood  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 51'-60'



December 20, 2022

*Platanus wrightii* ID# 553  
 Arizona Sycamore  
 Height: 16'-30'  
 Health: 20% - Critical



December 20, 2022

*Quercus douglasii* ID# 554  
 Blue Oak  
 Height: 1'-15'  
 Health: 90% - Very Good



December 20, 2022

*Quercus douglasii* ID# 555  
 Blue Oak  
 Height: 1'-15'  
 Health: 90% - Very Good



Hardscape Damage: 11'-20'

RG 6



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 20, 2022

*Quercus douglasii* ID# 556  
Blue Oak  
Height: 1'-15'  
Health: 90% - Very Good



December 20, 2022

*Platanus wrightii* ID# 557  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Platanus wrightii* ID# 558  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 51'-60'



Hardscape Damage: 41'-50'





December 20, 2022

*Platanus wrightii* ID# 559  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Populus deltoides* ID# 560  
Eastern Cottonwood  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 561  
Arizona Sycamore  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



Hardscape Damage: 41'-50'



December 20, 2022

*Morus alba* ID# 562  
White Mulberry  
Height: 31'-45'  
Health: 90% - Very Good



December 20, 2022

*Pinus ponderosa* ID# 563  
Ponderosa Pine  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Quercus douglasii* ID# 564  
Blue Oak  
Height: 31'-45'  
Health: 90% - Very Good



Hardscape Damage: 31'-40'



Hardscape Damage: 31'-40'



Hardscape Damage: 41'-50'



December 20, 2022

*Ulmus pumila* ID# 565  
Siberian Elm  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Ulmus pumila* ID# 566  
Siberian Elm  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Ulmus pumila* ID# 567  
Siberian Elm  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



December 20, 2022

*Ulmus pumila* ID# 568  
Siberian Elm  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 569  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Platanus wrightii* ID# 570  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 41'-50'



Hardscape Damage: 51'-60'



December 20, 2022

*Alnus rhombifolia* ID# 571  
White Alder  
Height: 16'-30'  
Health: 60% - Fair



December 20, 2022

*Platanus wrightii* ID# 572  
Arizona Sycamore  
Height: 46'-60'  
Health: 60% - Fair



December 20, 2022

*Platanus wrightii* ID# 573  
Arizona Sycamore  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 11'-20'



Hardscape Damage: 31'-40'



Hardscape Damage: 41'-50'



December 20, 2022

*Fraxinus velutina* ID# 574  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Laurus nobilis* ID# 575  
Bay Laurel  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Sequoia sempervirens* ID# 576  
Coast Redwood  
Height: 31'-45'  
Health: 100% - Excellent



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



December 20, 2022

*Quercus engelmannii* ID# 577  
Engelmann Oak  
Height: 16'-30'  
Health: 60% - Fair



December 20, 2022

*Platanus wrightii* ID# 578  
Arizona Sycamore  
Height: 31'-45'  
Health: 60% - Fair



December 20, 2022

*Calocedrus decurrens* ID# 579  
Incense Cedar  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 21'-30'



Hardscape Damage: 31'-40'



December 20, 2022

*Populus alba* ID# 580  
White Poplar  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Pistacia chinensis* ID# 581  
Chinese Pistache  
Height: 16'-30'  
Health: 90% - Very Good



December 20, 2022

*Sequoia sempervirens* ID# 582  
Coast Redwood  
Height: 16'-30'  
Health: 100% - Excellent



Hardscape Damage: 31'-40'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'





December 20, 2022

*Robinia pseudoacacia* ID# 583  
Black Locust  
Height: 16'-30'  
Health: 60% - Fair



December 20, 2022

*Carya illinoensis* ID# 584  
Pecan  
Height: 1'-15'  
Health: 80% - Good



December 20, 2022

*Carya illinoensis* ID# 585  
Pecan  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



December 20, 2022

*Ulmus pumila* ID# 586  
Siberian Elm  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 587  
Arizona Sycamore  
Height: 31'-45'  
Health: 20% - Critical



December 20, 2022

*Alnus rhombifolia* ID# 588  
White Alder  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'

RG 12



Hardscape Damage: 11'-20'



December 20, 2022

*Fraxinus velutina* ID# 589  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Fraxinus velutina* ID# 590  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Alnus rhombifolia* ID# 591  
White Alder  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



December 20, 2022

*Sequoia sempervirens* ID# 592  
Coast Redwood  
Height: 31'-45'  
Health: 100% - Excellent



December 20, 2022

*Platanus wrightii* ID# 593  
Arizona Sycamore  
Height: 31'-45'  
Health: 90% - Very Good



December 20, 2022

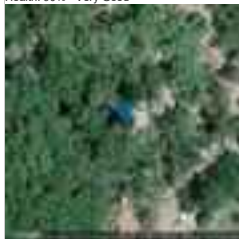
*Populus alba* ID# 594  
White Poplar  
Height: 46'-60'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 31'-40'



Hardscape Damage: 31'-40'



December 20, 2022

*Sequoia sempervirens* ID# 595  
Coast Redwood  
Height: 46'-60'  
Health: 100% - Excellent



Hardscape Damage: 21'-30'



December 20, 2022

*Fraxinus velutina* ID# 596  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 41'-50'



December 20, 2022

*Fraxinus velutina* ID# 597  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 1'-10'



December 20, 2022

*Fraxinus velutina* ID# 598  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Alnus rhombifolia* ID# 599  
White Alder  
Height: 31'-45'  
Health: 20% - Critical



December 20, 2022

*Alnus rhombifolia* ID# 600  
White Alder  
Height: 31'-45'  
Health: 20% - Critical



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'

RG 3

RG 3



December 20, 2022

*Fraxinus velutina* ID# 601  
Modesto Ash  
Height: 16'-30'  
Health: 0% - Dead



December 20, 2022

*Fraxinus velutina* ID# 602  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



December 20, 2022

*Alnus rhombifolia* ID# 603  
White Alder  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 1'-10'

RG 3



Hardscape Damage: 31'-40'



Hardscape Damage: 1'-10'



December 20, 2022

*Alnus rhombifolia* ID# 604  
White Alder  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Alnus rhombifolia* ID# 605  
White Alder  
Height: 46'-60'  
Health: 60% - Fair



December 20, 2022

*Fraxinus velutina* ID# 606  
Modesto Ash  
Height: 1'-15'  
Health: 20% - Critical



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'

RG 3





December 20, 2022

*Fraxinus velutina* ID# 607  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 608  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Sequoia sempervirens* ID# 609  
Coast Redwood  
Height: 46'-60'  
Health: 100% - Excellent



Hardscape Damage: 1'-10'



Hardscape Damage: 41'-50'



Hardscape Damage: 1'-10'



December 20, 2022

*Pinus ponderosa* ID# 610  
Ponderosa Pine  
Height: 1'-15'  
Health: 80% - Good



December 20, 2022

*Quercus engelmannii* ID# 611  
Engelmann Oak  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Quercus engelmannii* ID# 612  
Engelmann Oak  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 20, 2022

*Quercus engelmannii* ID# 613  
Engelmann Oak  
Height: 16'-30'  
Health: 40% - Poor



December 20, 2022

*Cupressus arizonica* ID# 614  
Arizona Cypress  
Height: 31'-45'  
Health: 90% - Very Good



December 20, 2022

*Quercus engelmannii* ID# 615  
Engelmann Oak  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



December 20, 2022

*Platanus wrightii* ID# 616  
Arizona Sycamore  
Height: 46'-60'  
Health: 40% - Poor



December 20, 2022

*Quercus engelmannii* ID# 617  
Engelmann Oak  
Height: 31'-45'  
Health: 60% - Fair



December 20, 2022

*Platanus wrightii* ID# 618  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 51'-60'



Hardscape Damage: 21'-30'



Hardscape Damage: 51'-60'



December 20, 2022

*Quercus engelmannii* ID# 619  
Engelmann Oak  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Quercus engelmannii* ID# 620  
Engelmann Oak  
Height: 1'-15'  
Health: 80% - Good



December 20, 2022

*Cupressus arizonica* ID# 621  
Arizona Cypress  
Height: 1'-15'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 20, 2022

*Quercus engelmannii* ID# 622  
Engelmann Oak  
Height: 1'-15'  
Health: 90% - Very Good



December 20, 2022

*Platanus wrightii* ID# 623  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Quercus engelmannii* ID# 624  
Engelmann Oak  
Height: 31'-45'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 20, 2022

*Quercus douglasii* ID# 625  
Blue Oak  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 626  
Arizona Sycamore  
Height: 46'-60'  
Health: 60% - Fair



December 20, 2022

*Platanus wrightii* ID# 627  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 51'-60'



December 20, 2022

*Quercus engelmannii* ID# 628  
Engelmann Oak  
Height: 1'-15'  
Health: 90% - Very Good



December 20, 2022

*Quercus engelmannii* ID# 629  
Engelmann Oak  
Height: 16'-30'  
Health: 90% - Very Good



December 20, 2022

*Cercis canadensis* ID# 630  
Eastern Redbud  
Height: 1'-15'  
Health: 40% - Poor



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





December 20, 2022

*Cercis canadensis* ID# 631  
Eastern Redbud  
Height: 1'-15'  
Health: 60% - Fair



December 20, 2022

*Platanus wrightii* ID# 632  
Arizona Sycamore  
Height: 46'-60'  
Health: 60% - Fair



December 20, 2022

*Platanus wrightii* ID# 633  
Arizona Sycamore  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 41'-50'



Hardscape Damage: 1'-10'



December 20, 2022

*Ulmus pumila* ID# 634  
Siberian Elm  
Height: 16'-30'  
Health: 60% - Fair



December 20, 2022

*Populus deltoides* ID# 635  
Eastern Cottonwood  
Height: 31'-45'  
Health: 20% - Critical



December 20, 2022

*Cupressus arizonica* ID# 636  
Arizona Cypress  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 31'-40'

RG 14



Hardscape Damage: 31'-40'



December 20, 2022

*Quercus douglasii* ID# 637  
Blue Oak  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 638  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Ulmus pumila* ID# 639  
Siberian Elm  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 51'-60'



Hardscape Damage: 11'-20'



December 20, 2022

*Quercus douglasii* ID# 640  
Blue Oak  
Height: 1'-15'  
Health: 90% - Very Good



December 20, 2022

*Quercus engelmannii* ID# 641  
Engelmann Oak  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Quercus engelmannii* ID# 642  
Engelmann Oak  
Height: 31'-45'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



December 20, 2022

*Quercus engelmannii* ID# 643  
Engelmann Oak  
Height: 31'-45'  
Health: 90% - Very Good



December 20, 2022

*Quercus engelmannii* ID# 644  
Engelmann Oak  
Height: 31'-45'  
Health: 90% - Very Good



December 20, 2022

*Quercus engelmannii* ID# 645  
Engelmann Oak  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



December 20, 2022

*Quercus engelmannii* ID# 646  
Engelmann Oak  
Height: 16'-30"  
Health: 90% - Very Good



December 20, 2022

*Quercus engelmannii* ID# 647  
Engelmann Oak  
Height: 1'-15"  
Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 648  
Arizona Sycamore  
Height: 46'-60"  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 51'-60'



December 20, 2022

*Populus deltoides* ID# 649  
Eastern Cottonwood  
Height: 46'-60'  
Health: 40% - Poor



December 20, 2022

*Platanus wrightii* ID# 650  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Ulmus pumila* ID# 651  
Siberian Elm  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 61'-70'



Hardscape Damage: 51'-60'

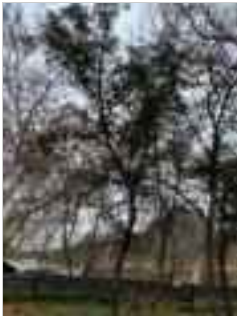


Hardscape Damage: 11'-20'



December 20, 2022

*Quercus engelmannii* ID# 652  
Engelmann Oak  
Height: 1'-15'  
Health: 80% - Good



December 20, 2022

*Quercus engelmannii* ID# 653  
Engelmann Oak  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Quercus engelmannii* ID# 654  
Engelmann Oak  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'





December 20, 2022

*Fruit Tree* ID# 655  
Fruit Tree  
Height: 1'-15'  
Health: 60% - Fair



December 20, 2022

*Quercus engelmannii* ID# 656  
Engelmann Oak  
Height: 1'-15'  
Health: 80% - Good



December 20, 2022

*Fraxinus velutina* ID# 657  
Modesto Ash  
Height: 1'-15'  
Health: 20% - Critical



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'

RG 4



December 20, 2022

*Quercus engelmannii* ID# 658  
 Engelmann Oak  
 Height: 1'-15'  
 Health: 60% - Fair

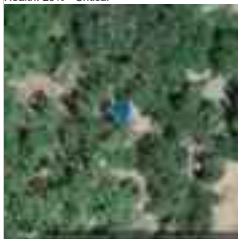


Hardscape Damage: 1'-10'



December 20, 2022

*Populus deltoides* ID# 659  
 Eastern Cottonwood  
 Height: 46'-60'  
 Health: 20% - Critical



Hardscape Damage: 31'-40'

RG 28



December 20, 2022

*Platanus wrightii* ID# 660  
 Arizona Sycamore  
 Height: 46'-60'  
 Health: 90% - Very Good



Hardscape Damage: 41'-50'



December 20, 2022

*Alnus rhombifolia* ID# 661  
White Alder  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Alnus rhombifolia* ID# 662  
White Alder  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Alnus rhombifolia* ID# 663  
White Alder  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



December 20, 2022

*Alnus rhombifolia* ID# 664  
White Alder  
Height: 1'-15'  
Health: 80% - Good



December 20, 2022

*Alnus rhombifolia* ID# 665  
White Alder  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Alnus rhombifolia* ID# 666  
White Alder  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



December 20, 2022

*Morus alba* ID# 667  
White Mulberry  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 668  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Ulmus pumila* ID# 669  
Siberian Elm  
Height: 16'-30'  
Health: 60% - Fair



Hardscape Damage: 31'-40'



Hardscape Damage: 51'-60'



Hardscape Damage: 11'-20'



December 20, 2022

*Quercus engelmannii* ID# 670  
Engelmann Oak  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



December 20, 2022

*Platanus wrightii* ID# 671  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



Hardscape Damage: 31'-40'



December 20, 2022

*Platanus wrightii* ID# 672  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 21'-30'



December 20, 2022

*Platanus wrightii* ID# 673  
Arizona Sycamore  
Height: 46'-60'  
Health: 60% - Fair



December 20, 2022

*Cupressus arizonica* ID# 674  
Arizona Cypress  
Height: 46'-60'  
Health: 80% - Good

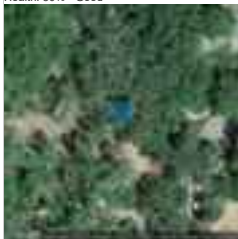


December 20, 2022

*Cupressus arizonica* ID# 675  
Arizona Cypress  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 31'-40'



Hardscape Damage: 21'-30'



Hardscape Damage: 31'-40'



December 20, 2022

*Pinus ponderosa* ID# 676  
Ponderosa Pine  
Height: 1'-15'  
Health: 90% - Very Good



December 20, 2022

*Platanus wrightii* ID# 677  
Arizona Sycamore  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 678  
Arizona Sycamore  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 31'-40'





December 20, 2022

*Platanus wrightii* ID# 679  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Platanus wrightii* ID# 680  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Platanus wrightii* ID# 681  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 31'-40'



Hardscape Damage: 41'-50'



Hardscape Damage: 31'-40'



December 20, 2022

*Platanus wrightii* ID# 682  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Platanus wrightii* ID# 683  
Arizona Sycamore  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 684  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 41'-50'



Hardscape Damage: 1'-10'



Hardscape Damage: 31'-40'



December 20, 2022

*Alnus rhombifolia* ID# 685  
White Alder  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Alnus rhombifolia* ID# 686  
White Alder  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Fraxinus velutina* ID# 687  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



December 20, 2022

*Fraxinus velutina* ID# 688  
Modesto Ash  
Height: 1'-15'  
Health: 40% - Poor



December 20, 2022

*Fraxinus velutina* ID# 689  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



December 20, 2022

*Platanus wrightii* ID# 690  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 41'-50'



December 20, 2022

*Ulmus pumila* ID# 691  
Siberian Elm  
Height: 46'-60'  
Health: 80% - Good



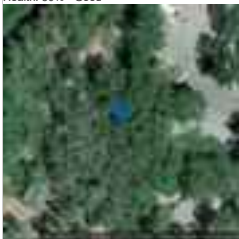
December 20, 2022

*Ulmus pumila* ID# 692  
Siberian Elm  
Height: 46'-60'  
Health: 60% - Fair



December 20, 2022

*Ulmus pumila* ID# 693  
Siberian Elm  
Height: 16'-30'  
Health: 40% - Poor



Hardscape Damage: 51'-60'



Hardscape Damage: 51'-60'



Hardscape Damage: 11'-20'



December 20, 2022

*Ulmus pumila* ID# 694  
Siberian Elm  
Height: 31'-45'  
Health: 40% - Poor



December 20, 2022

*Ulmus pumila* ID# 695  
Siberian Elm  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Ulmus pumila* ID# 696  
Siberian Elm  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 31'-40'



Hardscape Damage: 31'-40'



Hardscape Damage: 1'-10'



December 20, 2022

*Ulmus pumila* ID# 697  
Siberian Elm  
Height: 1'-15'  
Health: 20% - Critical



December 20, 2022

*Ulmus pumila* ID# 698  
Siberian Elm  
Height: 1'-15'  
Health: 20% - Critical



December 20, 2022

*Fraxinus velutina* ID# 699  
Modesto Ash  
Height: 16'-30'  
Health: 40% - Poor



Hardscape Damage: 1'-20'

RG 5



Hardscape Damage: 1'-10'

RG 5



Hardscape Damage: 1'-10'



December 20, 2022

*Populus deltoides* ID# 700  
Eastern Cottonwood  
Height: 46'-60'  
Health: 60% - Fair



December 20, 2022

*Populus deltoides* ID# 701  
Eastern Cottonwood  
Height: 46'-60'  
Health: 60% - Fair



December 20, 2022

*Populus deltoides* ID# 702  
Eastern Cottonwood  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 41'-50'



Hardscape Damage: 41'-50'



Hardscape Damage: 41'-50'





December 20, 2022

*Ulmus pumila* ID# 703  
Siberian Elm  
Height: 31'-45'  
Health: 40% - Poor



December 20, 2022

*Populus deltoides* ID# 704  
Eastern Cottonwood  
Height: 46'-60'  
Health: 40% - Poor



December 20, 2022

*Populus deltoides* ID# 705  
Eastern Cottonwood  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 31'-40'



Hardscape Damage: 31'-40'



Hardscape Damage: 51'-60'



December 20, 2022

*Populus deltoides* ID# 706  
Eastern Cottonwood  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Populus deltoides* ID# 707  
Eastern Cottonwood  
Height: 46'-60'  
Health: 40% - Poor



December 20, 2022

*Ulmus pumila* ID# 708  
Siberian Elm  
Height: 31'-45'  
Health: 40% - Poor



Hardscape Damage: 41'-50'



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



December 20, 2022

*Platanus wrightii* ID# 709  
Arizona Sycamore  
Height: 46'-60'  
Health: 100% - Excellent



Hardscape Damage: 61'-70'



December 20, 2022

*Ulmus pumila* ID# 710  
Siberian Elm  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 1'-10'



December 20, 2022

*Ulmus pumila* ID# 711  
Siberian Elm  
Height: 31'-45'  
Health: 40% - Poor



Hardscape Damage: 1'-10'

Move down from river slight



December 20, 2022

*Ulmus pumila* ID# 712  
Siberian Elm  
Height: 31'-45'  
Health: 40% - Poor



December 20, 2022

*Fraxinus velutina* ID# 713  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



December 20, 2022

*Fraxinus velutina* ID# 714  
Modesto Ash  
Height: 31'-45'  
Health: 40% - Poor



Hardscape Damage: 21'-30'



Hardscape Damage: 31'-40'



Hardscape Damage: 1'-10'



December 20, 2022

*Fraxinus velutina* ID# 715  
Modesto Ash  
Height: 31'-45'  
Health: 40% - Poor



December 20, 2022

*Fraxinus velutina* ID# 716  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



December 20, 2022

*Fraxinus velutina* ID# 717  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 20, 2022

*Fraxinus velutina* ID# 718  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



December 20, 2022

*Alnus rhombifolia* ID# 719  
White Alder  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Ulmus pumila* ID# 720  
Siberian Elm  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



December 20, 2022

*Ulmus pumila* ID# 721  
Siberian Elm  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Alnus rhombifolia* ID# 722  
White Alder  
Height: 46'-60'  
Health: 90% - Very Good



December 20, 2022

*Populus deltoides* ID# 723  
Eastern Cottonwood  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 1'-10'



Hardscape Damage: 31'-40'



Hardscape Damage: 51'-60'



December 20, 2022

*Populus deltoides* ID# 724  
Eastern Cottonwood  
Height: 46'-60'  
Health: 80% - Good



December 20, 2022

*Populus deltoides* ID# 725  
Eastern Cottonwood  
Height: 46'-60'  
Health: 60% - Fair



December 20, 2022

*Populus deltoides* ID# 726  
Eastern Cottonwood  
Height: 46'-60'  
Health: 40% - Poor



Hardscape Damage: 41'-50'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'





December 20, 2022

*Ulmus pumila* ID# 727  
Siberian Elm  
Height: 1'-15'  
Health: 20% - Critical



December 20, 2022

*Populus deltoides* ID# 728  
Eastern Cottonwood  
Height: 46'-60'  
Health: 40% - Poor



December 20, 2022

*Fraxinus velutina* ID# 729  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 1'-10'

RG 2



Hardscape Damage: 31'-40'



Hardscape Damage: 21'-30'



December 20, 2022

*Alnus rhombifolia* ID# 730  
White Alder  
Height: 31'-45'  
Health: 60% - Fair



December 20, 2022

*Populus deltoides* ID# 731  
Eastern Cottonwood  
Height: 31'-45'  
Health: 40% - Poor



December 20, 2022

*Fraxinus velutina* ID# 732  
Modesto Ash  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 1'-10'



December 20, 2022

*Ulmus pumila* ID# 733  
Siberian Elm  
Height: 16'-30'  
Health: 90% - Very Good



December 20, 2022

*Ulmus pumila* ID# 734  
Siberian Elm  
Height: 31'-45'  
Health: 90% - Very Good



December 20, 2022

*Alnus rhombifolia* ID# 735  
White Alder  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



December 20, 2022

*Populus deltoides* ID# 736  
Eastern Cottonwood  
Height: 16'-30'  
Health: 20% - Critical



December 20, 2022

*Platanus wrightii* ID# 737  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



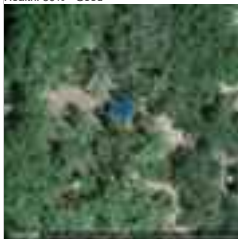
December 20, 2022

*Platanus wrightii* ID# 738  
Arizona Sycamore  
Height: 46'-60'  
Health: 40% - Poor



Hardscape Damage: 21'-30'

RG 9



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



December 20, 2022

*Quercus engelmannii* ID# 739  
Engelmann Oak  
Height: 31'-45'  
Health: 90% - Very Good



December 20, 2022

*Alnus rhombifolia* ID# 740  
White Alder  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Alnus rhombifolia* ID# 741  
White Alder  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 20, 2022

*Fraxinus velutina* ID# 742  
Modesto Ash  
Height: 1'-15'  
Health: 80% - Good



December 20, 2022

*Ulmus pumila* ID# 743  
Siberian Elm  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Quercus engelmannii* ID# 744  
Engelmann Oak  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



December 20, 2022

*Quercus engelmannii* ID# 745  
Engelmann Oak  
Height: 31'-45'  
Health: 90% - Very Good



December 20, 2022

*Ulmus pumila* ID# 746  
Siberian Elm  
Height: 31'-45'  
Health: 90% - Very Good



December 20, 2022

*Ulmus pumila* ID# 747  
Siberian Elm  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



December 20, 2022

*Platanus wrightii* ID# 748  
Arizona Sycamore  
Height: 46'-60'  
Health: 40% - Poor



December 20, 2022

*Alnus rhombifolia* ID# 749  
White Alder  
Height: 16'-30'  
Health: 0% - Dead



December 20, 2022

*Quercus engelmannii* ID# 750  
Engelmann Oak  
Height: 16'-30'  
Health: 90% - Very Good

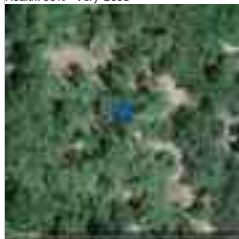


Hardscape Damage: 41'-50'



Hardscape Damage: 1'-10'

RG 4



Hardscape Damage: 21'-30'





December 20, 2022

*Platanus wrightii* ID# 751  
 Arizona Sycamore  
 Height: 46'-60'  
 Health: 80% - Good



December 20, 2022

*Quercus engelmannii* ID# 752  
 Engelmann Oak  
 Height: 16'-30'  
 Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 753  
 Arizona Sycamore  
 Height: 31'-45'  
 Health: 20% - Critical



Hardscape Damage: 61'-70'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'

RG 10



December 20, 2022

*Ulmus pumila* ID# 754  
Siberian Elm  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Ulmus pumila* ID# 755  
Siberian Elm  
Height: 31'-45'  
Health: 80% - Good



December 20, 2022

*Platanus wrightii* ID# 756  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 31'-40'



December 20, 2022

*Platanus wrightii* ID# 757  
Arizona Sycamore  
Height: 16'-30'  
Health: 80% - Good



December 20, 2022

*Alnus rhombifolia* ID# 758  
White Alder  
Height: 16'-30'  
Health: 0% - Dead



December 20, 2022

*Quercus engelmannii* ID# 759  
Engelmann Oak  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 1'-10'

Shift right



Hardscape Damage: 11'-20'

RG 4



Hardscape Damage: 1'-10'



January 6, 2023

*Alnus rhombifolia* ID# 760  
White Alder  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 761  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 762  
White Alder  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



January 6, 2023

*Fraxinus velutina* ID# 763  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 764  
White Alder  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 765  
White Alder  
Height: 46'-60'  
Health: 40% - Poor



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



January 6, 2023

*Alnus rhombifolia* ID# 766  
White Alder  
Height: 46'-60'  
Health: 40% - Poor



January 6, 2023

*Alnus rhombifolia* ID# 767  
White Alder  
Height: 46'-60'  
Health: 40% - Poor



January 6, 2023

*Alnus rhombifolia* ID# 768  
White Alder  
Height: 46'-60'  
Health: 40% - Poor



Hardscape Damage: 31'-40'



Hardscape Damage: 31'-40'



Hardscape Damage: 41'-50'



January 6, 2023

*Alnus rhombifolia* ID# 769  
White Alder  
Height: 46'-60'  
Health: 40% - Poor



January 6, 2023

*Ulmus pumila* ID# 770  
Siberian Elm  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 771  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 41'-50'



Hardscape Damage: 31'-40'



January 6, 2023

*Fraxinus velutina* ID# 772  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 773  
White Alder  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 774  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'





January 24, 2023

*Fraxinus velutina* ID# 775  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 24, 2023

*Fraxinus velutina* ID# 776  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 777  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



January 24, 2023

*Fraxinus velutina* ID# 778  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 779  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 780  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



January 6, 2023

*Fraxinus velutina* ID# 781  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 782  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 783  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 21'-30'



Hardscape Damage: 31'-40'



Hardscape Damage: 21'-30'



January 6, 2023

*Fraxinus velutina* ID# 784  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



January 6, 2023

*Platanus wrightii* ID# 785  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 786  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 6, 2023

*Platanus wrightii* ID# 787  
Arizona Sycamore  
Height: 31'-45'  
Health: 40% - Poor



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 788  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 21'-30'



January 6, 2023

*Platanus wrightii* ID# 789  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



Hardscape Damage: 41'-50'



January 6, 2023

*Platanus wrightii* ID# 790  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



January 6, 2023

*Platanus wrightii* ID# 791  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



January 6, 2023

*Fraxinus velutina* ID# 792  
Modesto Ash  
Height: 16'-30'  
Health: 40% - Poor



Hardscape Damage: 41'-50'



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



January 6, 2023

*Platanus wrightii* ID# 793  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



January 6, 2023

*Ulmus pumila* ID# 794  
Siberian Elm  
Height: 46'-60'  
Health: 90% - Very Good



January 6, 2023

*Fraxinus velutina* ID# 795  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



Hardscape Damage: 21'-30'



Hardscape Damage: 41'-50'



Hardscape Damage: 21'-30'



January 6, 2023

*Alnus rhombifolia* ID# 796  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 797  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



January 6, 2023

*Fraxinus velutina* ID# 798  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 11'-20'



Hardscape Damage: 41'-50'



Hardscape Damage: 11'-20'





January 6, 2023

*Alnus rhombifolia* ID# 799  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 800  
White Alder  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Alnus rhombifolia* ID# 801  
White Alder  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 31'-40'



January 6, 2023

*Alnus rhombifolia* ID# 802  
White Alder  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 803  
White Alder  
Height: 16'-30'  
Health: 20% - Critical



January 6, 2023

*Alnus rhombifolia* ID# 804  
White Alder  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



January 6, 2023

*Alnus rhombifolia* ID# 805  
White Alder  
Height: 31'-45'  
Health: 40% - Poor



January 6, 2023

*Alnus rhombifolia* ID# 806  
White Alder  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Alnus rhombifolia* ID# 807  
White Alder  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



January 6, 2023

*Alnus rhombifolia* ID# 808  
White Alder  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Alnus rhombifolia* ID# 809  
White Alder  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 810  
White Alder  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



January 6, 2023

*Alnus rhombifolia* ID# 811  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 812  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 813  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 31'-40'



January 6, 2023

*Fraxinus velutina* ID# 814  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 815  
Modesto Ash  
Height: 1'-15'  
Health: 40% - Poor



January 6, 2023

*Fraxinus velutina* ID# 816  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 31'-40'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 817  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 818  
Modesto Ash  
Height: 1'-15'  
Health: 60% - Fair



January 6, 2023

*Alnus rhombifolia* ID# 819  
White Alder  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



January 6, 2023

*Alnus rhombifolia* ID# 820  
White Alder  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 821  
White Alder  
Height: 46'-60'  
Health: 40% - Poor



January 6, 2023

*Fraxinus velutina* ID# 822  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'





January 6, 2023

*Fraxinus velutina* ID# 823  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 824  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 825  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 31'-40'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 826  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 827  
Modesto Ash  
Height: 46'-60'  
Health: 60% - Fair



January 6, 2023

*Alnus rhombifolia* ID# 828  
White Alder  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 829  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 830  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 831  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



January 6, 2023

*Fraxinus velutina* ID# 832  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 833  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 834  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 31'-40'



January 6, 2023

*Fraxinus velutina* ID# 835  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 836  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 837  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



Hardscape Damage: 31'-40'



January 6, 2023

*Fraxinus velutina* ID# 838  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 839  
Modesto Ash  
Height: 31'-45'  
Health: 40% - Poor



January 6, 2023

*Fraxinus velutina* ID# 840  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 31'-40'



Hardscape Damage: 31'-40'



Hardscape Damage: 11'-20'



January 24, 2023

*Fraxinus velutina* ID# 841  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 842  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 843  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 844  
Modesto Ash  
Height: 31'-45'  
Health: 40% - Poor



January 6, 2023

*Platanus wrightii* ID# 845  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



January 6, 2023

*Fraxinus velutina* ID# 846  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'





January 6, 2023

*Platanus wrightii* ID# 847  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



January 6, 2023

*Platanus wrightii* ID# 848  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



January 6, 2023

*Platanus wrightii* ID# 849  
Arizona Sycamore  
Height: 31'-45'  
Health: 90% - Very Good



Hardscape Damage: 51'-60'



Hardscape Damage: 51'-60'



Hardscape Damage: 21'-30'



January 6, 2023

*Fraxinus velutina* ID# 850  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 851  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 852  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 6, 2023

*Platanus wrightii* ID# 853  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 854  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 855  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 41'-50'



January 6, 2023

*Platanus wrightii* ID# 856  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



January 24, 2023

*Platanus wrightii* ID# 857  
Arizona Sycamore  
Height: 31'-45'  
Health: 80% - Good



January 24, 2023

*Platanus wrightii* ID# 858  
Arizona Sycamore  
Height: 46'-60'  
Health: 60% - Fair



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 41'-50'



January 6, 2023

*Fraxinus velutina* ID# 859  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 860  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 861  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 41'-50'



January 6, 2023

*Platanus wrightii* ID# 862  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



January 6, 2023

*Platanus wrightii* ID# 863  
Arizona Sycamore  
Height: 31'-45'  
Health: 90% - Very Good



January 6, 2023

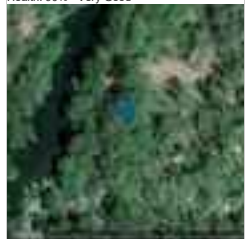
*Platanus wrightii* ID# 864  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



Hardscape Damage: 51'-60'



Hardscape Damage: 31'-40'



Hardscape Damage: 31'-40'



January 6, 2023

*Platanus wrightii* ID# 865  
Arizona Sycamore  
Height: 46'-60'  
Health: 90% - Very Good



January 6, 2023

*Platanus wrightii* ID# 866  
Arizona Sycamore  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 867  
Arizona Sycamore  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 41'-50'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 868  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



Hardscape Damage: 11'-20'



January 6, 2023

*Alnus rhombifolia* ID# 869  
White Alder  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 21'-30'



January 6, 2023

*Alnus rhombifolia* ID# 870  
White Alder  
Height: 31'-45'  
Health: 0% - Dead



Hardscape Damage: 21'-30'

RG 20





January 6, 2023

*Fraxinus velutina* ID# 871  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 872  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 873  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



January 6, 2023

*Fraxinus velutina* ID# 874  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



January 6, 2023

*Alnus rhombifolia* ID# 875  
White Alder  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Platanus wrightii* ID# 876  
Arizona Sycamore  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 31'-40'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 877  
Modesto Ash  
Height: 16'-30'  
Health: 40% - Poor



January 6, 2023

*Fraxinus velutina* ID# 878  
Modesto Ash  
Height: 16'-30'  
Health: 40% - Poor



January 6, 2023

*Alnus rhombifolia* ID# 879  
White Alder  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



January 6, 2023

*Alnus rhombifolia* ID# 880  
White Alder  
Height: 46'-60'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 881  
Modesto Ash  
Height: 31'-45'  
Health: 40% - Poor



January 6, 2023

*Fraxinus velutina* ID# 882  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 31'-40'



Hardscape Damage: 31'-40'



Hardscape Damage: 31'-40'



January 6, 2023

*Alnus rhombifolia* ID# 883  
White Alder  
Height: 46'-60'  
Health: 60% - Fair



January 6, 2023

*Alnus rhombifolia* ID# 884  
White Alder  
Height: 16'-30'  
Health: 60% - Fair



January 6, 2023

*Platanus wrightii* ID# 885  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 31'-40'



Hardscape Damage: 21'-30'



Hardscape Damage: 31'-40'



January 6, 2023

*Alnus rhombifolia* ID# 886  
White Alder  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Alnus rhombifolia* ID# 887  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 888  
White Alder  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 6, 2023

*Alnus rhombifolia* ID# 889  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 890  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 891  
White Alder  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



January 6, 2023

*Alnus rhombifolia* ID# 892  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 893  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 894  
White Alder  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'





January 6, 2023

*Alnus rhombifolia* ID# 895  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 896  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 897  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 898  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Alnus rhombifolia* ID# 899  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 900  
White Alder  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



January 6, 2023

*Alnus rhombifolia* ID# 901  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 902  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 903  
White Alder  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 6, 2023

*Alnus rhombifolia* ID# 904  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 905  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 906  
White Alder  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



January 6, 2023

*Alnus rhombifolia* ID# 907  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 908  
White Alder  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 909  
White Alder  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 910  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Alnus rhombifolia* ID# 911  
White Alder  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 912  
Arizona Sycamore  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



Hardscape Damage: 41'-50'



January 6, 2023

*Platanus wrightii* ID# 912  
Arizona Sycamore  
Height: 31'-45'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 913  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 914  
Modesto Ash  
Height: 31'-45'  
Health: 80% - Good



Hardscape Damage: 41'-50'



Hardscape Damage: 41'-50'



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 915  
Modesto Ash  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Ulmus pumila* ID# 916  
Siberian Elm  
Height: 16'-30'  
Health: 90% - Very Good



January 6, 2023

*Ulmus pumila* ID# 917  
Siberian Elm  
Height: 16'-30'  
Health: 90% - Very Good



Hardscape Damage: 41'-50'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'





January 6, 2023

*Ulmus pumila* ID# 918  
Siberian Elm  
Height: 16'-30'  
Health: 90% - Very Good



January 6, 2023

*Fraxinus velutina* ID# 919  
Modesto Ash  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 920  
Modesto Ash  
Height: 1'-15'  
Health: 80% - Good



Hardscape Damage: 1'-10'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 6, 2023

*Platanus wrightii* ID# 921  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 922  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



January 6, 2023

*Platanus wrightii* ID# 923  
Arizona Sycamore  
Height: 16'-30'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 21'-30'



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 924  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 925  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 926  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



Hardscape Damage: 1'-10'



January 6, 2023

*Ulmus pumila* ID# 927  
Siberian Elm  
Height: 31'-45'  
Health: 90% - Very Good



January 6, 2023

*Platanus wrightii* ID# 928  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 929  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 41'-50'



Hardscape Damage: 51'-60'



January 6, 2023

*Fraxinus velutina* ID# 930  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 931  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Platanus wrightii* ID# 932  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 11'-20'



Hardscape Damage: 21'-30'



Hardscape Damage: 61'-70'



January 6, 2023

*Platanus wrightii* ID# 933  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 934  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 935  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 51'-60'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 6, 2023

*Fraxinus velutina* ID# 936  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 937  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



January 6, 2023

*Fraxinus velutina* ID# 938  
Modesto Ash  
Height: 31'-45'  
Health: 60% - Fair



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



Hardscape Damage: 11'-20'



January 6, 2023

*Populus deltoides* ID# 939  
Eastern Cottonwood  
Height: 46'-60'  
Health: 60% - Fair



January 6, 2023

*Ulmus pumila* ID# 940  
Siberian Elm  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 941  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



Hardscape Damage: 41'-50'



Hardscape Damage: 1'-10'



Hardscape Damage: 21'-30'





January 6, 2023

*Ulmus pumila* ID# 942  
Siberian Elm  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Fraxinus velutina* ID# 943  
Modesto Ash  
Height: 16'-30'  
Health: 60% - Fair



January 6, 2023

*Platanus wrightii* ID# 944  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 1'-10'



Hardscape Damage: 51'-60'



January 6, 2023

*Platanus wrightii* ID# 945  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Ulmus pumila* ID# 946  
Siberian Elm  
Height: 16'-30'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 947  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 41'-50'



Hardscape Damage: 11'-20'



Hardscape Damage: 41'-50'



January 6, 2023

*Platanus wrightii* ID# 948  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



January 6, 2023

*Platanus wrightii* ID# 949  
Arizona Sycamore  
Height: 46'-60'  
Health: 80% - Good



Hardscape Damage: 21'-30'



Hardscape Damage: 51'-60'

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
3	12/19/2022	Eastern Cottonwood	Populus deltoides	16'-30'	13"-24.5"	Dead	11'-20'	
4	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
5	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
6	12/19/2022	Eastern Cottonwood	Populus deltoides	1'-15'	4"-7.5"	Dead	1'-10'	
7	12/19/2022	Liquidambar	Liquidambar styraciflua	16'-30'	8"-12.5"	Good	11'-20'	
9	12/19/2022	Eastern Cottonwood	Populus deltoides	1'-15'	4"-7.5"	Dead	1'-10'	
10	12/19/2022	Common Hackberry	Celtis occidentalis	1'-15'	4"-7.5"	Good	1'-10'	
11	12/19/2022	Utah Juniper	Juniperus osteosperma	16'-30'	13"-24.5"	Excellent	21'-30'	
12	12/19/2022	Common Hackberry	Celtis occidentalis	16'-30'	13"-24.5"	Good	11'-20'	
13	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	4"-7.5"	Excellent	1'-10'	
14	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	4"-7.5"	Excellent	1'-10'	
15	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
16	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
17	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
18	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Good	1'-10'	
19	12/19/2022	Utah Juniper	Juniperus osteosperma	16'-30'	13"-24.5"	Good	21'-30'	
20	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	4"-7.5"	Excellent	1'-10'	
21	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Excellent	1'-10'	
22	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
23	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Excellent	1'-10'	
24	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Excellent	11'-20'	
25	12/19/2022	Common Hackberry	Celtis occidentalis	1'-15'	13"-24.5"	Good	21'-30'	
27	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
28	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Good	1'-10'	
29	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
30	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
31	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	11'-20'	
32	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
33	12/19/2022	Siberian Elm	Ulmus pumila	1'-15'	2"-3.5"	Fair	1'-10'	
34	12/19/2022	Banana Yucca	Yucca baccata	1'-15'	4"-7.5"	Excellent	1'-10'	
35	12/19/2022	Banana Yucca	Yucca baccata	1'-15'	4"-7.5"	Excellent	1'-10'	
36	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	11'-20'	
37	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
38	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	11'-20'	
39	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	11'-20'	
40	12/19/2022	Eastern Cottonwood	Populus deltoides	31'-45'	25" +	Good	31'-40'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
41	12/19/2022	Eastern Cottonwood	Populus deltoides	16'-30'	13"-24.5"	Fair	21'-30'	
42	12/19/2022	Eastern Cottonwood	Populus deltoides	16'-30'	8"-12.5"	Fair	11'-20'	
43	12/19/2022	Eastern Cottonwood	Populus deltoides	16'-30'	8"-12.5"	Good	11'-20'	
44	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
45	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
46	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	11'-20'	
47	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	4"-7.5"	Excellent	1'-10'	
48	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Excellent	1'-10'	
49	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	4"-7.5"	Excellent	1'-10'	
50	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
51	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
52	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
53	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	4"-7.5"	Excellent	1'-10'	
54	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
55	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
56	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
57	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Excellent	1'-10'	
58	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
59	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
60	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Excellent	1'-10'	
61	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
62	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
63	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Excellent	1'-10'	
64	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
65	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
66	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
67	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Excellent	1'-10'	
68	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
69	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	4"-7.5"	Excellent	11'-20'	
70	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
71	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	4"-7.5"	Excellent	11'-20'	
72	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
73	12/19/2022	Utah Juniper	Juniperus osteosperma	31'-45'	13"-24.5"	Excellent	21'-30'	
74	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
75	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
76	12/19/2022	Arizona Cypress	Cupressus arizonica	1'-15'	8"-12.5"	Good	11'-20'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
77	12/19/2022	Arizona Cypress	Cupressus arizonica	16'-30'	8"-12.5"	Excellent	11'-20'	
78	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Excellent	1'-10'	
79	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Good	11'-20'	
80	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
81	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
82	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
83	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
84	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
85	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
86	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
87	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
88	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
89	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
90	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
91	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
92	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
93	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
94	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
95	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
96	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
97	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
98	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
99	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
100	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
101	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
102	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
103	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
104	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
105	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
106	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
107	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
108	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
109	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
110	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
111	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
112	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	









ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
221	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
222	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
223	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
224	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
225	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
226	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
227	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
228	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
229	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
230	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
231	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
232	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
233	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
234	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
235	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
236	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
237	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
238	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
239	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
240	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
241	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
242	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
243	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
244	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
245	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
246	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
247	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	11'-20'	
248	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
249	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
250	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
251	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
252	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
253	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
254	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
255	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	
256	12/19/2022	Tree of Heaven	Ailanthus altissima	1'-15'	2"-3.5"	Excellent	1'-10'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Salinity
257	12/19/2022	Tree of Heaven	Ailanthus altissima	16'-30'	13"-24.5"	Fair	21'-30'	
258	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
259	12/19/2022	Utah Juniper	Juniperus osteosperma	16'-30'	13"-24.5"	Excellent	21'-30'	
260	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	4"-7.5"	Good	1'-10'	
261	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Good	1'-10'	
262	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	11'-20'	
263	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
264	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
265	12/19/2022	Common Hackberry	Celtis occidentalis	16'-30'	8"-12.5"	Good	11'-20'	
266	12/19/2022	Velvet Mesquite	Prosopis velutina	16'-30'	8"-12.5"	Good	11'-20'	
267	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Fair	1'-10'	
268	12/19/2022	Engelmann Oak	Quercus engelmannii	1'-15'	4"-7.5"	Excellent	1'-10'	
269	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
270	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Fair	1'-10'	
271	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Fair	1'-10'	
272	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Good	11'-20'	
273	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Good	1'-10'	
274	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Good	1'-10'	
275	12/19/2022	Utah Juniper	Juniperus osteosperma	16'-30'	13"-24.5"	Excellent	11'-20'	
276	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Fair	1'-10'	
277	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	11'-20'	
278	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	11'-20'	
279	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Good	1'-10'	
280	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	11'-20'	
281	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Poor	1'-10'	
282	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Good	11'-20'	
283	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
284	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
285	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
286	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
287	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
288	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	8"-12.5"	Excellent	11'-20'	
289	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	8"-12.5"	Excellent	11'-20'	
290	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Good	1'-10'	
291	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Dead	1'-10'	
292	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Good	1'-10'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
293	12/19/2022	Velvet Mesquite	Prosopis velutina	16'-30'	25" +	Excellent	31'-40'	
294	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Fair	1'-10'	
295	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	11'-20'	
296	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	11'-20'	
297	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Fair	1'-10'	
298	12/19/2022	Common Hackberry	Celtis occidentalis	1'-15'	4"-7.5"	Good	1'-10'	
299	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	11'-20'	
300	12/19/2022	Utah Juniper	Juniperus osteosperma	16'-30'	8"-12.5"	Excellent	11'-20'	
301	12/19/2022	Pinyon Pine	Pinus edulis	1'-15'	4"-7.5"	Excellent	1'-10'	
302	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
303	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	8"-12.5"	Excellent	11'-20'	
304	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
305	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Excellent	1'-10'	
306	12/19/2022	Eastern Cottonwood	Populus deltoides	16'-30'	13"-24.5"	Fair	21'-30'	
307	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	13"-24.5"	Good	21'-30'	
308	12/19/2022	Utah Juniper	Juniperus osteosperma	16'-30'	13"-24.5"	Good	21'-30'	
309	12/19/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Good	41'-50'	
310	12/19/2022	Arizona Cypress	Cupressus arizonica	31'-45'	13"-24.5"	Excellent	31'-40'	
311	12/19/2022	Pecan	Carya illinoensis	1'-15'	4"-7.5"	Good	1'-10'	
312	12/19/2022	Chinese Pistache	Pistacia chinensis	16'-30'	8"-12.5"	Excellent	21'-30'	
313	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Good	1'-10'	
314	12/19/2022	Arizona Cypress	Cupressus arizonica	31'-45'	13"-24.5"	Excellent	21'-30'	
315	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Excellent	11'-20'	
316	12/19/2022	White Ash	Fraxinus americana	1'-15'	4"-7.5"	Excellent	1'-10'	
317	12/19/2022	Eastern Cottonwood	Populus deltoides	31'-45'	25" +	Poor	21'-30'	
318	12/19/2022	California Scrub Oak	Quercus berberidifolia	1'-15'	2"-3.5"	Good	1'-10'	
319	12/19/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Fair	21'-30'	
320	12/19/2022	Pinyon Pine	Pinus edulis	31'-45'	13"-24.5"	Excellent	11'-20'	
321	12/19/2022	Common Hackberry	Celtis occidentalis	31'-45'	8"-12.5"	Excellent	11'-20'	
322	12/19/2022	Common Hackberry	Celtis occidentalis	16'-30'	8"-12.5"	Good	11'-20'	
323	12/19/2022	Chinese Hackberry	Celtis sinensis	31'-45'	13"-24.5"	Fair	21'-30'	
324	12/19/2022	Siberian Elm	Ulmus pumila	1'-15'	2"-3.5"	Fair	11'-20'	
325	12/19/2022	Velvet Mesquite	Prosopis velutina	31'-45'	13"-24.5"	Good	21'-30'	
326	12/19/2022	Velvet Mesquite	Prosopis velutina	16'-30'	13"-24.5"	Excellent	21'-30'	
327	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	13"-24.5"	Good	11'-20'	
328	12/19/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Good	31'-40'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
329	12/19/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Good	31'-40'	
330	12/19/2022	Utah Juniper	Juniperus osteosperma	16'-30'	13"-24.5"	Good	11'-20'	
331	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
332	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
333	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
334	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
335	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
336	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
337	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
338	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
339	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	1'-10'	
340	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
341	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
342	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
343	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
344	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
345	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
346	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
347	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
348	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
349	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
350	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	1'-10'	
351	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
352	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
353	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
354	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
355	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
356	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
357	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
358	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
359	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	1'-10'	
360	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
361	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
362	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
363	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
364	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
365	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
366	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
367	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
368	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
369	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
370	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
371	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
372	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
373	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
374	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
375	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	1'-10'	
376	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	1'-10'	
377	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	21'-30'	
378	12/19/2022	Modesto Ash	Fraxinus velutina	1'-15'	4"-7.5"	Excellent	1'-10'	
379	12/19/2022	Black Locust	Robinia pseudoacacia	31'-45'	13"-24.5"	Good	21'-30'	
380	12/19/2022	Arizona Cypress	Cupressus arizonica	16'-30'	8"-12.5"	Excellent	11'-20'	
381	12/19/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Good	51'-60'	
382	12/19/2022	Arizona Sycamore	Platanus wrightii	31'-45'	13"-24.5"	Fair	21'-30'	
383	12/19/2022	Deodar Cedar	Cedrus deodara	46'-60'	13"-24.5"	Excellent	21'-30'	
384	12/19/2022	Arizona Cypress	Cupressus arizonica	31'-45'	8"-12.5"	Good	21'-30'	
385	12/19/2022	Arizona Cypress	Cupressus arizonica	31'-45'	13"-24.5"	Good	21'-30'	
386	12/19/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Poor	21'-30'	
387	12/19/2022	White Mulberry	Morus alba	31'-45'	25" +	Good	21'-30'	
388	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	21'-30'	
389	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
390	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
391	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
392	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
393	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
394	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
395	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
396	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	1'-10'	
397	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
398	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	1'-10'	
399	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
400	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
401	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
402	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
403	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
404	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
405	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
406	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
407	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	11'-20'	
408	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Excellent	1'-10'	
409	12/19/2022	Fruit Tree		16'-30'	8"-12.5"	Excellent	1'-10'	
410	12/19/2022	Arizona Cypress	Cupressus arizonica	31'-45'	13"-24.5"	Excellent	21'-30'	
411	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Poor	11'-20'	
412	12/19/2022	Pecan	Carya illinoensis	16'-30'	4"-7.5"	Good	11'-20'	
413	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Poor	11'-20'	
414	12/19/2022	Pecan	Carya illinoensis	16'-30'	2"-3.5"	Good	1'-10'	
415	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Good	11'-20'	
416	12/19/2022	Pecan	Carya illinoensis	31'-45'	8"-12.5"	Good	11'-20'	
417	12/19/2022	Pecan	Carya illinoensis	31'-45'	8"-12.5"	Good	11'-20'	
418	12/19/2022	Pecan	Carya illinoensis	31'-45'	8"-12.5"	Good	11'-20'	
419	12/19/2022	Pecan	Carya illinoensis	31'-45'	8"-12.5"	Good	11'-20'	
420	12/19/2022	Pecan	Carya illinoensis	31'-45'	8"-12.5"	Good	1'-10'	
421	12/19/2022	Pecan	Carya illinoensis	31'-45'	8"-12.5"	Good	1'-10'	
422	12/19/2022	Pecan	Carya illinoensis	31'-45'	8"-12.5"	Good	1'-10'	
423	12/19/2022	Pecan	Carya illinoensis	16'-30'	4"-7.5"	Good	1'-10'	
424	12/19/2022	Pecan	Carya illinoensis	16'-30'	2"-3.5"	Good	1'-10'	
425	12/19/2022	Pecan	Carya illinoensis	16'-30'	2"-3.5"	Good	1'-10'	
426	12/19/2022	Pecan	Carya illinoensis	16'-30'	2"-3.5"	Good	1'-10'	
427	12/19/2022	Pecan	Carya illinoensis	16'-30'	2"-3.5"	Good	1'-10'	
428	12/19/2022	Black Locust	Robinia pseudoacacia	16'-30'	4"-7.5"	Excellent	1'-10'	
429	12/19/2022	Chinese Hackberry	Celtis sinensis	16'-30'	4"-7.5"	Good	11'-20'	
430	12/19/2022	Pecan	Carya illinoensis	16'-30'	4"-7.5"	Good	11'-20'	
431	12/19/2022	Chinese Hackberry	Celtis sinensis	16'-30'	4"-7.5"	Good	11'-20'	
432	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Good	11'-20'	
433	12/19/2022	Black Locust	Robinia pseudoacacia	16'-30'	4"-7.5"	Excellent	1'-10'	
434	12/19/2022	Modesto Ash	Fraxinus velutina	1'-15'	4"-7.5"	Good	1'-10'	
435	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	8"-12.5"	Excellent	11'-20'	
436	12/19/2022	Fruit Tree		1'-15'	8"-12.5"	Poor	1'-10'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Salinity
437	12/19/2022	Fruit Tree		1'-15'	2"-3.5"	Poor	1'-10'	
438	12/19/2022	Fruit Tree		1'-15'	4"-7.5"	Fair	1'-10'	
439	12/19/2022	Fruit Tree		1'-15'	4"-7.5"	Poor	1'-10'	
440	12/19/2022	Fruit Tree		1'-15'	2"-3.5"	Poor	1'-10'	
441	12/19/2022	Fruit Tree		1'-15'	4"-7.5"	Poor	1'-10'	
442	12/19/2022	Fruit Tree		1'-15'	4"-7.5"	Poor	1'-10'	
443	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Good	21'-30'	
444	12/19/2022	Black Locust	Robinia pseudoacacia	16'-30'	13"-24.5"	Excellent	21'-30'	
445	12/19/2022	Pecan	Carya illinoensis	16'-30'	8"-12.5"	Fair	11'-20'	
446	12/19/2022	Arizona Cypress	Cupressus arizonica	31'-45'	25" +	Excellent	31'-40'	
447	12/19/2022	White Mulberry	Morus alba	16'-30'	8"-12.5"	Good	11'-20'	
448	12/19/2022	White Mulberry	Morus alba	16'-30'	8"-12.5"	Poor	11'-20'	
449	12/19/2022	Fruit Tree		1'-15'	2"-3.5"	Excellent	1'-10'	
450	12/19/2022	Common Hackberry	Celtis occidentalis	1'-15'	8"-12.5"	Good	21'-30'	
451	12/19/2022	Eastern Cottonwood	Populus deltoides	31'-45'	13"-24.5"	Poor	21'-30'	
452	12/19/2022	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Good	21'-30'	
453	12/19/2022	Arizona Sycamore	Platanus wrightii	16'-30'	8"-12.5"	Good	21'-30'	
454	12/19/2022	Engelmann Oak	Quercus engelmannii	1'-15'	4"-7.5"	Good	11'-20'	
455	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
456	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
457	12/19/2022	Common Hackberry	Celtis occidentalis	16'-30'	8"-12.5"	Good	11'-20'	
458	12/19/2022	Pinyon Pine	Pinus edulis	31'-45'	13"-24.5"	Excellent	21'-30'	
459	12/19/2022	White Mulberry	Morus alba	16'-30'	8"-12.5"	Good	11'-20'	
460	12/19/2022	Olive Tree	Olea europaea	16'-30'	13"-24.5"	Excellent	21'-30'	
461	12/19/2022	White Mulberry	Morus alba	1'-15'	8"-12.5"	Good	11'-20'	
462	12/19/2022	Common Hackberry	Celtis occidentalis	1'-15'	2"-3.5"	Excellent	1'-10'	
463	12/19/2022	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Good	11'-20'	
464	12/19/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Critical	21'-30'	
465	12/19/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Critical	21'-30'	
466	12/19/2022	Eastern Cottonwood	Populus deltoides	16'-30'	13"-24.5"	Poor	11'-20'	
467	12/19/2022	Utah Juniper	Juniperus osteosperma	16'-30'	13"-24.5"	Excellent	11'-20'	
468	12/19/2022	Utah Juniper	Juniperus osteosperma	16'-30'	13"-24.5"	Excellent	11'-20'	
469	12/19/2022	Fruit Tree		1'-15'	8"-12.5"	Good	11'-20'	
470	12/19/2022	Fruit Tree		1'-15'	4"-7.5"	Good	1'-10'	
471	12/19/2022	Fruit Tree		1'-15'	8"-12.5"	Good	11'-20'	
472	12/19/2022	Fruit Tree		1'-15'	4"-7.5"	Good	1'-10'	



ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
473	12/19/2022	Wingleaf Soapberry	Sapindus saponaria	1'-15'	4"-7.5"	Excellent	1'-10'	
475	12/19/2022	Utah Juniper	Juniperus osteosperma	31'-45'	13"-24.5"	Excellent	31'-40'	
476	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Good	1'-10'	
477	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	4"-7.5"	Good	1'-10'	
478	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	8"-12.5"	Good	11'-20'	
479	12/19/2022	Arizona Cypress	Cupressus arizonica	31'-45'	13"-24.5"	Dead	21'-30'	
480	12/19/2022	Velvet Mesquite	Prosopis velutina	16'-30'	13"-24.5"	Good	21'-30'	
481	12/19/2022	California Scrub Oak	Quercus berberidifolia	16'-30'	13"-24.5"	Poor	11'-20'	
482	12/19/2022	Velvet Mesquite	Prosopis velutina	16'-30'	13"-24.5"	Good	21'-30'	
483	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Good	1'-10'	
484	12/19/2022	Utah Juniper	Juniperus osteosperma	16'-30'	8"-12.5"	Good	21'-30'	
485	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	11'-20'	
486	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	1'-10'	
487	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Poor	1'-10'	
488	12/19/2022	Arizona Sycamore	Platanus wrightii	31'-45'	13"-24.5"	Good	21'-30'	
489	12/19/2022	Arizona Sycamore	Platanus wrightii	16'-30'	8"-12.5"	Good	21'-30'	
490	12/19/2022	Arizona Sycamore	Platanus wrightii	31'-45'	25" +	Good	31'-40'	
491	12/19/2022	Arizona Sycamore	Platanus wrightii	31'-45'	25" +	Good	31'-40'	
492	12/19/2022	Utah Juniper	Juniperus osteosperma	1'-15'	2"-3.5"	Excellent	1'-10'	
493	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Poor	11'-20'	
494	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Good	11'-20'	
495	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Good	1'-10'	
496	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Good	11'-20'	
497	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Good	1'-10'	
498	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Excellent	11'-20'	
499	12/19/2022	Velvet Mesquite	Prosopis velutina	1'-15'	4"-7.5"	Excellent	11'-20'	
500	12/19/2022	Fruit Tree		1'-15'	2"-3.5"	Good	1'-10'	
501	12/19/2022	Common Persimmon	Diospyros virginiana	16'-30'	8"-12.5"	Excellent	11'-20'	
502	12/19/2022	Fruit Tree		1'-15'	8"-12.5"	Good	11'-20'	
503	12/19/2022	Fruit Tree		16'-30'	13"-24.5"	Good	31'-40'	
504	12/19/2022	Almond Tree	Prunus dulcis	1'-15'	8"-12.5"	Good	11'-20'	
505	12/19/2022	Almond Tree	Prunus dulcis	1'-15'	8"-12.5"	Good	11'-20'	
506	12/19/2022	Fruit Tree		1'-15'	8"-12.5"	Fair	1'-10'	
507	12/19/2022	Fruit Tree		1'-15'	8"-12.5"	Poor	1'-10'	
508	12/19/2022	Fruit Tree		1'-15'	8"-12.5"	Poor	1'-10'	
509	12/19/2022	Fruit Tree		16'-30'	13"-24.5"	Fair	21'-30'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
510	12/19/2022	Fruit Tree		1'-15'	13"-24.5"	Fair	11'-20'	
511	12/19/2022	Fruit Tree		1'-15'	13"-24.5"	Fair	11'-20'	
512	12/19/2022	Fruit Tree		1'-15'	13"-24.5"	Fair	1'-10'	
513	12/19/2022	Fruit Tree		16'-30'	13"-24.5"	Fair	11'-20'	
514	12/19/2022	California Black Walnut	Juglans californica	16'-30'	13"-24.5"	Excellent	21'-30'	
515	12/19/2022	California Black Walnut	Juglans californica	16'-30'	13"-24.5"	Excellent	31'-40'	
516	12/19/2022	Fruit Tree		1'-15'	8"-12.5"	Good	11'-20'	
517	12/19/2022	Fruit Tree		1'-15'	13"-24.5"	Good	11'-20'	
518	12/19/2022	Blue Oak	Quercus douglasii	1'-15'	13"-24.5"	Excellent	21'-30'	
519	12/19/2022	Blue Oak	Quercus douglasii	16'-30'	13"-24.5"	Excellent	31'-40'	
520	12/19/2022	Blue Oak	Quercus douglasii	16'-30'	25" +	Excellent	41'-50'	
521	12/19/2022	White Mulberry	Morus alba	31'-45'	8"-12.5"	Good	21'-30'	
522	12/19/2022	White Mulberry	Morus alba	16'-30'	8"-12.5"	Fair	11'-20'	
523	12/19/2022	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Good	21'-30'	
524	12/19/2022	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Good	21'-30'	
525	12/19/2022	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Excellent	21'-30'	
526	12/19/2022	Velvet Mesquite	Prosopis velutina	16'-30'	13"-24.5"	Excellent	21'-30'	
527	12/20/2022	Port Orford Cedar	Chamaecyparis lawsoniana	16'-30'	2"-3.5"	Excellent	11'-20'	
528	12/20/2022	Blue Oak	Quercus douglasii	1'-15'	2"-3.5"	Excellent	11'-20'	
529	12/20/2022	Common Hackberry	Celtis occidentalis	1'-15'	8"-12.5"	Good	11'-20'	
530	12/20/2022	Common Hackberry	Celtis occidentalis	1'-15'	8"-12.5"	Excellent	11'-20'	
531	12/20/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
532	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	13"-24.5"	Good	21'-30'	
533	12/20/2022	Velvet Mesquite	Prosopis velutina	1'-15'	8"-12.5"	Excellent	11'-20'	
534	12/20/2022	Velvet Mesquite	Prosopis velutina	1'-15'	2"-3.5"	Excellent	1'-10'	
535	12/20/2022	Fruit Tree		1'-15'	8"-12.5"	Good	1'-10'	
536	12/20/2022	Fruit Tree		1'-15'	8"-12.5"	Good	1'-10'	
537	12/20/2022	Fruit Tree		1'-15'	8"-12.5"	Good	1'-10'	
538	12/20/2022	Fruit Tree		1'-15'	8"-12.5"	Good	1'-10'	
539	12/20/2022	Blue Oak	Quercus douglasii	31'-45'	25" +	Excellent	31'-40'	
540	12/20/2022	Blue Oak	Quercus douglasii	16'-30'	8"-12.5"	Excellent	11'-20'	
541	12/20/2022	Velvet Mesquite	Prosopis velutina	1'-15'	13"-24.5"	Good	21'-30'	
542	12/20/2022	White Mulberry	Morus alba	31'-45'	25" +	Poor	31'-40'	
543	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	8"-12.5"	Excellent	1'-10'	
544	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	4"-7.5"	Excellent	1'-10'	
545	12/20/2022	White Alder	Alnus rhombifolia	1'-15'	2"-3.5"	Excellent	1'-10'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
546	12/20/2022	White Alder	Alnus rhombifolia	1'-15'	2"-3.5"	Excellent	1'-10'	
547	12/20/2022	White Alder	Alnus rhombifolia	1'-15'	2"-3.5"	Excellent	1'-10'	
548	12/20/2022	Blue Oak	Quercus douglasii	16'-30'	13"-24.5"	Excellent	21'-30'	
549	12/20/2022	Eastern Cottonwood	Populus deltoides	31'-45'	25" +	Critical	11'-20'	
550	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Critical	31'-40'	
551	12/20/2022	Blue Oak	Quercus douglasii	16'-30'	13"-24.5"	Excellent	31'-40'	
552	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Good	51'-60'	
553	12/20/2022	Arizona Sycamore	Platanus wrightii	16'-30'	13"-24.5"	Critical	11'-20'	
554	12/20/2022	Blue Oak	Quercus douglasii	1'-15'	4"-7.5"	Excellent	1'-10'	
555	12/20/2022	Blue Oak	Quercus douglasii	1'-15'	2"-3.5"	Excellent	1'-10'	
556	12/20/2022	Blue Oak	Quercus douglasii	1'-15'	8"-12.5"	Excellent	1'-10'	
557	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	51'-60'	
558	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	41'-50'	
559	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	31'-40'	
560	12/20/2022	Eastern Cottonwood	Populus deltoides	31'-45'	8"-12.5"	Good	11'-20'	
561	12/20/2022	Arizona Sycamore	Platanus wrightii	31'-45'	25" +	Good	41'-50'	
562	12/20/2022	White Mulberry	Morus alba	31'-45'	25" +	Excellent	31'-40'	
563	12/20/2022	Ponderosa Pine	Pinus ponderosa	46'-60'	25" +	Excellent	31'-40'	
564	12/20/2022	Blue Oak	Quercus douglasii	31'-45'	25" +	Excellent	41'-50'	
565	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	8"-12.5"	Good	11'-20'	
566	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	8"-12.5"	Good	11'-20'	
567	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	8"-12.5"	Good	21'-30'	
568	12/20/2022	Siberian Elm	Ulmus pumila	46'-60'	13"-24.5"	Good	21'-30'	
569	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	41'-50'	
570	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	51'-60'	
571	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	8"-12.5"	Fair	11'-20'	
572	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Fair	31'-40'	
573	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Fair	41'-50'	
574	12/20/2022	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Good	31'-40'	
575	12/20/2022	Bay Laurel	Laurus nobilis	16'-30'	8"-12.5"	Good	11'-20'	
576	12/20/2022	Coast Redwood	Sequoia sempervirens	31'-45'	8"-12.5"	Excellent	11'-20'	
577	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	4"-7.5"	Fair	1'-10'	
578	12/20/2022	Arizona Sycamore	Platanus wrightii	31'-45'	13"-24.5"	Fair	21'-30'	
579	12/20/2022	Incense Cedar	Calocedrus decurrens	46'-60'	25" +	Good	31'-40'	
580	12/20/2022	White Poplar	Populus alba	46'-60'	25" +	Excellent	31'-40'	
581	12/20/2022	Chinese Pistache	Pistacia chinensis	16'-30'	8"-12.5"	Excellent	21'-30'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
582	12/20/2022	Coast Redwood	Sequoia sempervirens	16'-30'	8"-12.5"	Excellent	11'-20'	
583	12/20/2022	Black Locust	Robinia pseudoacacia	16'-30'	8"-12.5"	Fair	11'-20'	
584	12/20/2022	Pecan	Carya illinoensis	1'-15'	8"-12.5"	Good	11'-20'	
585	12/20/2022	Pecan	Carya illinoensis	1'-15'	8"-12.5"	Good	11'-20'	
586	12/20/2022	Siberian Elm	Ulmus pumila	16'-30'	8"-12.5"	Good	21'-30'	
587	12/20/2022	Arizona Sycamore	Platanus wrightii	31'-45'	13"-24.5"	Critical	11'-20'	
588	12/20/2022	White Alder	Alnus rhombifolia	1'-15'	8"-12.5"	Good	11'-20'	
589	12/20/2022	Modesto Ash	Fraxinus velutina	46'-60'	8"-12.5"	Good	11'-20'	
590	12/20/2022	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Good	11'-20'	
591	12/20/2022	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Fair	21'-30'	
592	12/20/2022	Coast Redwood	Sequoia sempervirens	31'-45'	8"-12.5"	Excellent	11'-20'	
593	12/20/2022	Arizona Sycamore	Platanus wrightii	31'-45'	25" +	Excellent	31'-40'	
594	12/20/2022	White Poplar	Populus alba	46'-60'	25" +	Excellent	31'-40'	
595	12/20/2022	Coast Redwood	Sequoia sempervirens	46'-60'	13"-24.5"	Excellent	21'-30'	
596	12/20/2022	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Fair	41'-50'	
597	12/20/2022	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Good	1'-10'	
598	12/20/2022	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Good	11'-20'	
599	12/20/2022	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Critical	1'-10'	
600	12/20/2022	White Alder	Alnus rhombifolia	31'-45'	8"-12.5"	Critical	1'-10'	
601	12/20/2022	Modesto Ash	Fraxinus velutina	16'-30'	2"-3.5"	Dead	1'-10'	
602	12/20/2022	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Fair	31'-40'	
603	12/20/2022	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Good	1'-10'	
604	12/20/2022	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Good	1'-10'	
605	12/20/2022	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Fair	1'-10'	
606	12/20/2022	Modesto Ash	Fraxinus velutina	1'-15'	2"-3.5"	Critical	1'-10'	
607	12/20/2022	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Good	1'-10'	
608	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	41'-50'	
609	12/20/2022	Coast Redwood	Sequoia sempervirens	46'-60'	8"-12.5"	Excellent	1'-10'	
610	12/20/2022	Ponderosa Pine	Pinus ponderosa	1'-15'	2"-3.5"	Good	1'-10'	
611	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	4"-7.5"	Good	1'-10'	
612	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	8"-12.5"	Good	11'-20'	
613	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	8"-12.5"	Poor	1'-10'	
614	12/20/2022	Arizona Cypress	Cupressus arizonica	31'-45'	13"-24.5"	Excellent	21'-30'	
615	12/20/2022	Engelmann Oak	Quercus engelmannii	31'-45'	8"-12.5"	Good	11'-20'	
616	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Poor	51'-60'	
617	12/20/2022	Engelmann Oak	Quercus engelmannii	31'-45'	25" +	Fair	21'-30'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
618	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	51'-60'	
619	12/20/2022	Engelmann Oak	Quercus engelmannii	31'-45'	8"-12.5"	Good	11'-20'	
620	12/20/2022	Engelmann Oak	Quercus engelmannii	1'-15'	8"-12.5"	Good	1'-10'	
621	12/20/2022	Arizona Cypress	Cupressus arizonica	1'-15'	4"-7.5"	Excellent	1'-10'	
622	12/20/2022	Engelmann Oak	Quercus engelmannii	1'-15'	2"-3.5"	Excellent	1'-10'	
623	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	8"-12.5"	Good	1'-10'	
624	12/20/2022	Engelmann Oak	Quercus engelmannii	31'-45'	13"-24.5"	Excellent	11'-20'	
625	12/20/2022	Blue Oak	Quercus douglasii	16'-30'	13"-24.5"	Good	21'-30'	
626	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Fair	21'-30'	
627	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	51'-60'	
628	12/20/2022	Engelmann Oak	Quercus engelmannii	1'-15'	4"-7.5"	Excellent	1'-10'	
629	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	2"-3.5"	Excellent	1'-10'	
630	12/20/2022	Eastern Redbud	Cercis canadensis	1'-15'	2"-3.5"	Poor	1'-10'	
631	12/20/2022	Eastern Redbud	Cercis canadensis	1'-15'	4"-7.5"	Fair	1'-10'	
632	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Fair	41'-50'	
633	12/20/2022	Arizona Sycamore	Platanus wrightii	16'-30'	2"-3.5"	Good	1'-10'	
634	12/20/2022	Siberian Elm	Ulmus pumila	16'-30'	8"-12.5"	Fair	11'-20'	
635	12/20/2022	Eastern Cottonwood	Populus deltoides	31'-45'	25" +	Critical	31'-40'	
636	12/20/2022	Arizona Cypress	Cupressus arizonica	46'-60'	13"-24.5"	Good	31'-40'	
637	12/20/2022	Blue Oak	Quercus douglasii	16'-30'	8"-12.5"	Good	1'-10'	
638	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	51'-60'	
639	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	13"-24.5"	Good	11'-20'	
640	12/20/2022	Blue Oak	Quercus douglasii	1'-15'	4"-7.5"	Excellent	1'-10'	
641	12/20/2022	Engelmann Oak	Quercus engelmannii	46'-60'	13"-24.5"	Excellent	31'-40'	
642	12/20/2022	Engelmann Oak	Quercus engelmannii	31'-45'	8"-12.5"	Excellent	11'-20'	
643	12/20/2022	Engelmann Oak	Quercus engelmannii	31'-45'	8"-12.5"	Excellent	11'-20'	
644	12/20/2022	Engelmann Oak	Quercus engelmannii	31'-45'	4"-7.5"	Excellent	1'-10'	
645	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	8"-12.5"	Excellent	1'-10'	
646	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	8"-12.5"	Excellent	1'-10'	
647	12/20/2022	Engelmann Oak	Quercus engelmannii	1'-15'	2"-3.5"	Good	1'-10'	
648	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	51'-60'	
649	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Poor	61'-70'	
650	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	51'-60'	
651	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	8"-12.5"	Fair	11'-20'	
652	12/20/2022	Engelmann Oak	Quercus engelmannii	1'-15'	8"-12.5"	Good	1'-10'	
653	12/20/2022	Engelmann Oak	Quercus engelmannii	31'-45'	8"-12.5"	Good	11'-20'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
654	12/20/2022	Engelmann Oak	Quercus engelmannii	31'-45'	8"-12.5"	Good	11'-20'	
655	12/20/2022	Fruit Tree		1'-15'	2"-3.5"	Fair	1'-10'	
656	12/20/2022	Engelmann Oak	Quercus engelmannii	1'-15'	2"-3.5"	Good	1'-10'	
657	12/20/2022	Modesto Ash	Fraxinus velutina	1'-15'	4"-7.5"	Critical	1'-10'	
658	12/20/2022	Engelmann Oak	Quercus engelmannii	1'-15'	2"-3.5"	Fair	1'-10'	
659	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Critical	31'-40'	
660	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	41'-50'	
661	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	13"-24.5"	Good	21'-30'	
662	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	13"-24.5"	Good	21'-30'	
663	12/20/2022	White Alder	Alnus rhombifolia	1'-15'	8"-12.5"	Good	21'-30'	
664	12/20/2022	White Alder	Alnus rhombifolia	1'-15'	8"-12.5"	Good	21'-30'	
665	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	13"-24.5"	Good	21'-30'	
666	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	13"-24.5"	Good	21'-30'	
667	12/20/2022	White Mulberry	Morus alba	31'-45'	13"-24.5"	Good	31'-40'	
668	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	51'-60'	
669	12/20/2022	Siberian Elm	Ulmus pumila	16'-30'	8"-12.5"	Fair	11'-20'	
670	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	8"-12.5"	Excellent	11'-20'	
671	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	31'-40'	
672	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Good	21'-30'	
673	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Fair	31'-40'	
674	12/20/2022	Arizona Cypress	Cupressus arizonica	46'-60'	13"-24.5"	Good	21'-30'	
675	12/20/2022	Arizona Cypress	Cupressus arizonica	46'-60'	25" +	Fair	31'-40'	
676	12/20/2022	Ponderosa Pine	Pinus ponderosa	1'-15'	2"-3.5"	Excellent	1'-10'	
677	12/20/2022	Arizona Sycamore	Platanus wrightii	31'-45'	13"-24.5"	Good	11'-20'	
678	12/20/2022	Arizona Sycamore	Platanus wrightii	31'-45'	13"-24.5"	Good	31'-40'	
679	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Excellent	31'-40'	
680	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	41'-50'	
681	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	31'-40'	
682	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	41'-50'	
683	12/20/2022	Arizona Sycamore	Platanus wrightii	31'-45'	8"-12.5"	Good	1'-10'	
684	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Good	31'-40'	
685	12/20/2022	White Alder	Alnus rhombifolia	31'-45'	8"-12.5"	Good	1'-10'	
686	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	8"-12.5"	Good	11'-20'	
687	12/20/2022	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Fair	11'-20'	
688	12/20/2022	Modesto Ash	Fraxinus velutina	1'-15'	8"-12.5"	Poor	1'-10'	
689	12/20/2022	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Fair	11'-20'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
690	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	41'-50'	
691	12/20/2022	Siberian Elm	Ulmus pumila	46'-60'	25" +	Good	51'-60'	
692	12/20/2022	Siberian Elm	Ulmus pumila	46'-60'	25" +	Fair	51'-60'	
693	12/20/2022	Siberian Elm	Ulmus pumila	16'-30'	8"-12.5"	Poor	11'-20'	
694	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	13"-24.5"	Poor	31'-40'	
695	12/20/2022	Siberian Elm	Ulmus pumila	46'-60'	25" +	Good	31'-40'	
696	12/20/2022	Siberian Elm	Ulmus pumila	16'-30'	2"-3.5"	Good	1'-10'	
697	12/20/2022	Siberian Elm	Ulmus pumila	1'-15'	8"-12.5"	Critical	11'-20'	
698	12/20/2022	Siberian Elm	Ulmus pumila	1'-15'	8"-12.5"	Critical	1'-10'	
699	12/20/2022	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Poor	1'-10'	
700	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Fair	41'-50'	
701	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Fair	41'-50'	
702	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Fair	41'-50'	
703	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	13"-24.5"	Poor	31'-40'	
704	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Poor	31'-40'	
705	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Good	51'-60'	
706	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Good	41'-50'	
707	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Poor	31'-40'	
708	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	8"-12.5"	Poor	11'-20'	
709	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	61'-70'	
710	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	13"-24.5"	Fair	1'-10'	
711	01/06/2023	Siberian Elm	Ulmus pumila	31'-45'	8"-12.5"	Poor	1'-10'	
712	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	13"-24.5"	Poor	21'-30'	
713	12/20/2022	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Fair	31'-40'	
714	12/20/2022	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Poor	1'-10'	
715	12/20/2022	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Poor	1'-10'	
716	12/20/2022	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Fair	11'-20'	
717	12/20/2022	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Fair	1'-10'	
718	12/20/2022	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Fair	1'-10'	
719	12/20/2022	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	21'-30'	
720	12/20/2022	Siberian Elm	Ulmus pumila	16'-30'	8"-12.5"	Good	21'-30'	
721	12/20/2022	Siberian Elm	Ulmus pumila	16'-30'	2"-3.5"	Good	1'-10'	
722	12/20/2022	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Excellent	31'-40'	
723	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	13"-24.5"	Fair	51'-60'	
724	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Good	41'-50'	
725	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	13"-24.5"	Fair	21'-30'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
726	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	13"-24.5"	Poor	11'-20'	
727	12/20/2022	Siberian Elm	Ulmus pumila	1'-15'	2"-3.5"	Critical	1'-10'	
728	12/20/2022	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Poor	31'-40'	
729	12/20/2022	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Good	21'-30'	
730	12/20/2022	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Fair	11'-20'	
731	12/20/2022	Eastern Cottonwood	Populus deltoides	31'-45'	13"-24.5"	Poor	21'-30'	
732	12/20/2022	Modesto Ash	Fraxinus velutina	1'-15'	2"-3.5"	Good	1'-10'	
733	12/20/2022	Siberian Elm	Ulmus pumila	16'-30'	4"-7.5"	Excellent	11'-20'	
734	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	8"-12.5"	Excellent	11'-20'	
735	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	2"-3.5"	Good	1'-10'	
736	12/20/2022	Eastern Cottonwood	Populus deltoides	16'-30'	25" +	Critical	21'-30'	
737	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Good	21'-30'	
738	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Poor	21'-30'	
739	12/20/2022	Engelmann Oak	Quercus engelmannii	31'-45'	8"-12.5"	Excellent	11'-20'	
740	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	2"-3.5"	Good	1'-10'	
741	12/20/2022	White Alder	Alnus rhombifolia	1'-15'	2"-3.5"	Good	11'-20'	
742	12/20/2022	Modesto Ash	Fraxinus velutina	1'-15'	2"-3.5"	Good	1'-10'	
743	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	2"-3.5"	Good	1'-10'	
744	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	4"-7.5"	Excellent	11'-20'	
745	12/20/2022	Engelmann Oak	Quercus engelmannii	31'-45'	13"-24.5"	Excellent	21'-30'	
746	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	8"-12.5"	Excellent	11'-20'	
747	12/20/2022	Siberian Elm	Ulmus pumila	16'-30'	2"-3.5"	Excellent	11'-20'	
748	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Poor	41'-50'	
749	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	8"-12.5"	Dead	1'-10'	
750	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	8"-12.5"	Excellent	21'-30'	
751	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	61'-70'	
752	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	8"-12.5"	Good	11'-20'	
753	12/20/2022	Arizona Sycamore	Platanus wrightii	31'-45'	13"-24.5"	Critical	21'-30'	
754	12/20/2022	Siberian Elm	Ulmus pumila	16'-30'	8"-12.5"	Good	11'-20'	
755	12/20/2022	Siberian Elm	Ulmus pumila	31'-45'	8"-12.5"	Good	21'-30'	
756	12/20/2022	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Excellent	31'-40'	
757	01/06/2023	Arizona Sycamore	Platanus wrightii	16'-30'	2"-3.5"	Good	1'-10'	
758	12/20/2022	White Alder	Alnus rhombifolia	16'-30'	2"-3.5"	Dead	11'-20'	
759	12/20/2022	Engelmann Oak	Quercus engelmannii	16'-30'	2"-3.5"	Good	1'-10'	
760	01/06/2023	White Alder	Alnus rhombifolia	16'-30'	8"-12.5"	Good	11'-20'	
761	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	11'-20'	



ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
762	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	25" +	Good	21'-30'	
763	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Good	21'-30'	
764	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	25" +	Good	21'-30'	
765	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	25" +	Poor	21'-30'	
766	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Poor	31'-40'	
767	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	25" +	Poor	31'-40'	
768	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	25" +	Poor	41'-50'	
769	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Poor	21'-30'	
770	01/06/2023	Siberian Elm	Ulmus pumila	46'-60'	25" +	Good	41'-50'	
771	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Good	31'-40'	
772	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	11'-20'	
773	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	8"-12.5"	Good	21'-30'	
774	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	11'-20'	
775	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	11'-20'	
776	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	11'-20'	
777	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Good	21'-30'	
778	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Good	21'-30'	
779	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	8"-12.5"	Fair	11'-20'	
780	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Fair	21'-30'	
781	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Fair	21'-30'	
782	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Fair	31'-40'	
783	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	8"-12.5"	Fair	21'-30'	
784	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Fair	31'-40'	
785	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	8"-12.5"	Good	11'-20'	
786	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Fair	11'-20'	
787	01/06/2023	Arizona Sycamore	Platanus wrightii	31'-45'	8"-12.5"	Poor	11'-20'	
788	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Fair	21'-30'	
789	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Excellent	41'-50'	
790	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Excellent	41'-50'	
791	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Excellent	31'-40'	
792	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Poor	11'-20'	
793	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Excellent	21'-30'	
794	01/06/2023	Siberian Elm	Ulmus pumila	46'-60'	25" +	Excellent	41'-50'	
795	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Fair	21'-30'	
796	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	8"-12.5"	Good	11'-20'	
797	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Excellent	41'-50'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
798	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Fair	11'-20'	
799	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	8"-12.5"	Good	21'-30'	
800	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	8"-12.5"	Fair	11'-20'	
801	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Good	31'-40'	
802	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	25" +	Good	31'-40'	
803	01/06/2023	White Alder	Alnus rhombifolia	16'-30'	8"-12.5"	Critical	11'-20'	
804	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Fair	21'-30'	
805	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Poor	11'-20'	
806	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Fair	21'-30'	
807	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	8"-12.5"	Fair	11'-20'	
808	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	8"-12.5"	Fair	11'-20'	
809	01/06/2023	White Alder	Alnus rhombifolia	16'-30'	8"-12.5"	Good	11'-20'	
810	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	21'-30'	
811	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	21'-30'	
812	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	21'-30'	
813	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Good	31'-40'	
814	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	13"-24.5"	Good	31'-40'	
815	01/06/2023	Modesto Ash	Fraxinus velutina	1'-15'	8"-12.5"	Poor	1'-10'	
816	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Good	11'-20'	
817	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	21'-30'	
818	01/06/2023	Modesto Ash	Fraxinus velutina	1'-15'	2"-3.5"	Fair	11'-20'	
819	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	21'-30'	
820	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Good	21'-30'	
821	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Poor	21'-30'	
822	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Fair	11'-20'	
823	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Fair	31'-40'	
824	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	8"-12.5"	Good	21'-30'	
825	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	8"-12.5"	Fair	11'-20'	
826	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	8"-12.5"	Fair	11'-20'	
827	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	8"-12.5"	Fair	11'-20'	
828	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	8"-12.5"	Good	11'-20'	
829	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	21'-30'	
830	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	21'-30'	
831	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Good	21'-30'	
832	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	21'-30'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
833	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60"	8"-12.5"	Good	21'-30"	
834	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60"	13"-24.5"	Good	31'-40"	
835	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60"	13"-24.5"	Good	31'-40"	
836	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	11'-20"	
837	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	13"-24.5"	Excellent	31'-40"	
838	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Good	31'-40"	
839	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Poor	31'-40"	
840	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Fair	11'-20"	
841	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Good	11'-20"	
842	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	11'-20"	
843	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	4"-7.5"	Good	11'-20"	
844	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Poor	11'-20"	
845	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	13"-24.5"	Excellent	21'-30"	
846	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	2"-3.5"	Good	11'-20"	
847	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	25" +	Excellent	51'-60"	
848	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	25" +	Excellent	51'-60"	
849	01/06/2023	Arizona Sycamore	Platanus wrightii	31'-45'	8"-12.5"	Excellent	21'-30"	
850	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Good	21'-30"	
851	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Good	11'-20"	
852	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Good	11'-20"	
853	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	13"-24.5"	Good	21'-30"	
854	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	13"-24.5"	Good	21'-30"	
855	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	13"-24.5"	Good	41'-50"	
856	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	13"-24.5"	Good	21'-30"	
857	01/06/2023	Arizona Sycamore	Platanus wrightii	31'-45'	8"-12.5"	Good	11'-20"	
858	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	25" +	Fair	41'-50"	
859	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	2"-3.5"	Good	11'-20"	
860	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	2"-3.5"	Good	11'-20"	
861	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	13"-24.5"	Good	41'-50"	
862	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	25" +	Excellent	51'-60"	
863	01/06/2023	Arizona Sycamore	Platanus wrightii	31'-45'	13"-24.5"	Excellent	31'-40"	
864	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	13"-24.5"	Excellent	31'-40"	
865	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60"	25" +	Excellent	41'-50"	
866	01/06/2023	Arizona Sycamore	Platanus wrightii	16'-30'	8"-12.5"	Good	11'-20"	
867	01/06/2023	Arizona Sycamore	Platanus wrightii	16'-30'	8"-12.5"	Good	11'-20"	
868	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Fair	11'-20"	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
869	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	21'-30'	
870	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Dead	21'-30'	
871	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Fair	21'-30'	
872	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	13"-24.5"	Fair	21'-30'	
873	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Fair	21'-30'	
874	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Fair	31'-40'	
875	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Fair	21'-30'	
876	01/06/2023	Arizona Sycamore	Platanus wrightii	16'-30'	2"-3.5"	Good	11'-20'	
877	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Poor	21'-30'	
878	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Poor	11'-20'	
879	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Good	21'-30'	
880	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Fair	31'-40'	
881	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Poor	31'-40'	
882	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Good	31'-40'	
883	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Fair	31'-40'	
884	01/06/2023	White Alder	Alnus rhombifolia	16'-30'	13"-24.5"	Fair	21'-30'	
885	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	31'-40'	
886	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Fair	21'-30'	
887	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	11'-20'	
888	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	11'-20'	
889	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	1'-10'	
890	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	1'-10'	
891	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	11'-20'	
892	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	1'-10'	
893	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	11'-20'	
894	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	21'-30'	
895	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	21'-30'	
896	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	21'-30'	
897	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Fair	11'-20'	
898	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Fair	11'-20'	
899	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	21'-30'	
900	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Fair	21'-30'	
901	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	11'-20'	
902	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	11'-20'	
903	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	11'-20'	
904	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	11'-20'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
905	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	11'-20'	
906	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	13"-24.5"	Good	21'-30'	
907	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	8"-12.5"	Good	11'-20'	
908	01/06/2023	White Alder	Alnus rhombifolia	31'-45'	8"-12.5"	Good	21'-30'	
909	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	13"-24.5"	Good	11'-20'	
910	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	13"-24.5"	Good	21'-30'	
911	01/06/2023	White Alder	Alnus rhombifolia	46'-60'	8"-12.5"	Good	11'-20'	
912	01/06/2023	Arizona Sycamore	Platanus wrightii	31'-45'	25" +	Good	41'-50'	
913	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	41'-50'	
914	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Good	11'-20'	
915	01/06/2023	Modesto Ash	Fraxinus velutina	46'-60'	25" +	Good	41'-50'	
916	01/06/2023	Siberian Elm	Ulmus pumila	16'-30'	2"-3.5"	Excellent	1'-10'	
917	01/06/2023	Siberian Elm	Ulmus pumila	16'-30'	2"-3.5"	Excellent	1'-10'	
918	01/06/2023	Siberian Elm	Ulmus pumila	16'-30'	2"-3.5"	Excellent	1'-10'	
919	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	2"-3.5"	Good	11'-20'	
920	01/06/2023	Modesto Ash	Fraxinus velutina	1'-15'	2"-3.5"	Good	11'-20'	
921	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	13"-24.5"	Good	21'-30'	
922	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	13"-24.5"	Fair	21'-30'	
923	01/06/2023	Arizona Sycamore	Platanus wrightii	16'-30'	2"-3.5"	Good	11'-20'	
924	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	2"-3.5"	Fair	1'-10'	
925	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	2"-3.5"	Fair	1'-10'	
926	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	2"-3.5"	Fair	1'-10'	
927	01/06/2023	Siberian Elm	Ulmus pumila	31'-45'	8"-12.5"	Excellent	21'-30'	
928	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	41'-50'	
929	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	51'-60'	
930	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	13"-24.5"	Fair	11'-20'	
931	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Fair	21'-30'	
932	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	61'-70'	
933	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	51'-60'	
934	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Fair	11'-20'	
935	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Fair	11'-20'	
936	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Fair	11'-20'	
937	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Fair	11'-20'	
938	01/06/2023	Modesto Ash	Fraxinus velutina	31'-45'	8"-12.5"	Fair	11'-20'	
939	01/06/2023	Eastern Cottonwood	Populus deltoides	46'-60'	25" +	Fair	41'-50'	
940	01/06/2023	Siberian Elm	Ulmus pumila	16'-30'	2"-3.5"	Good	1'-10'	

ID	Date	Common Name	Botanical Name	Height	DBH	Health	Drip Line	Sp R
941	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	8"-12.5"	Fair	21'-30'	
942	01/06/2023	Siberian Elm	Ulmus pumila	16'-30'	8"-12.5"	Good	21'-30'	
943	01/06/2023	Modesto Ash	Fraxinus velutina	16'-30'	2"-3.5"	Fair	1'-10'	
944	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	51'-60'	
945	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	41'-50'	
946	01/06/2023	Siberian Elm	Ulmus pumila	16'-30'	8"-12.5"	Good	11'-20'	
947	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	41'-50'	
948	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	21'-30'	
949	01/06/2023	Arizona Sycamore	Platanus wrightii	46'-60'	25" +	Good	51'-60'	

**Sedona Historic Property Inventory Form****PROPERTY INFORMATION**

Address:	20 Bear Wallow Lane	Survey Site #:	
Historic Name:		Zoning:	Oak Creek Heritage District
APN #:	401-12-016C	Acres:	1.16
County:	Coconino	Subdivision:	Hart's Village
Owner name:	115 Schnebly LLC R. D. Olson Development	Owner Address:	520 Newport Center Drive Suite 600 Newport Beach, CA 92660

**BUILDING INFORMATION**

Construction Date:		Estimated:		Known:		Source:	
Architect:		Not determined:		Known:		Source:	
Builder:		Not determined:		Known:		Source:	

**Structural Condition** *(Describe the current structural condition of the property)*

Good <i>(well maintained, no serious problems apparent):</i>		Poor <i>(major problems; imminent threat):</i>	
Fair <i>(some problems apparent):</i>		Ruin/Uninhabitable:	
Describe: N/A			

**USES/FUNCTION**

Current Use:	Vacant Land
Historic Use:	Probably Agricultural
Sources:	Field observations

**SIGNIFICANCE****A. Historic Events/Trends** *(Describe how the property is associated either with a significant historic event, or with a trend or pattern of events important to the history of the nation, the state, or a local community.)*

This parcel was a part of the historic Farley Homestead. This parcel does not abut Oak Creek.

Until the 1950s, the Sedona area, including Red Rock, Oak Creek and Big Park, were predominately rural, with agriculture as the basis of the economy. A year-around source of water was the primary reason that agriculture became the driving force in the economy of the area, and irrigation was the key to the success of the farming in the Sedona Area. This parcel includes a section of the historic Farley/Steele Ditch (see individual inventory form for the Farley/Steele Ditch). This section of the Farley/Steele Ditch is unlined. The Farley/Steele Ditch is an important structure which helps to tell the story of irrigated farming on Schnebly Hill Road.

This property, as well as others on Schnebly Hill Road and Bear Wallow Lane, are within the incorporated limits of the City of Sedona. Sedona was incorporated in 1988. These properties, which are adjacent to or near Oak Creek, were originally developed in Coconino County as agricultural land and had legal rights to water directly from Oak Creek. This parcel has not been developed. Other parcels in the vicinity have been re-developed in the mid-twentieth century as the transition was being made from agriculture to commercial and residential development and eventually a tourist-based economy.

## Sedona Historic Property Inventory Form

The population of the incorporated City of Sedona according to the 2020 Decennial U.S. Census is 9,684 and reflects considerable growth and development in the area in the last twenty years. Although this number seems small, the population would be expanded considerably if the immediate areas outside the city limits in both Coconino and Yavapai counties were included. Although some farming has continued in the greater Sedona area, it is greatly diminished by the growth of the area.

**B. Person** (Describe how the property is associated with the life of a person significant in the past.)

**C. Architecture** (Describe how the property embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or possesses high artistic values.)

Outbuildings: (Describe any other buildings or structures on the property and whether they may be considered historic.)

**INTEGRITY** (To be eligible, a property must have integrity—it must be able to visually convey its importance.)

### 1. Location

Original site:	Moved:	Date:	Original Site:
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### 2. Design

(Describe alterations from the original design, including dates—known or estimated—when alterations were made)

### 3. Setting (Describe the natural and/or built environment around the property)

Formerly part of the Farley Homestead, this parcel was farmed by the Farleys and the Steeles. An unlined section of the Farley/Steele ditch is visible on the property.

Describe how the setting has changed since the property's period of significance:

This parcel has been allowed to revert to native plants along with numerous introduced deciduous trees along Bear Wallow Lane.

### 4. Materials (Describe the materials used in the following elements of the property)

Walls (structure):	Foundation:	Roof:
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Wall Sheathing:

If the sheathing has been altered, what was it originally?

Windows:

If the windows have been altered, what were they originally?



## Sedona Historic Property Inventory Form

### 5. Workmanship *(Describe the distinctive elements, if any, of craftsmanship or method of construction)*

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### RECOMMENDATIONS OF ELIGIBILITY *(opinion of surveyor)*

Individually, the Property <u>is</u> eligible:	Individually, the Property <u>is not</u> eligible: X
Property <u>is</u> eligible as a contributor to a potential historic district:	Property <u>is not</u> eligible as a contributor to a potential historic district:
More information needed to evaluate:	
<i>If not considered eligible, state reason:</i> Vacant land with sections of the Farley/Steele Ditch.	

### FORM COMPLETED BY:

Name:	Nancy Burgess Preservation Consulting P. O. Box 42 Prescott, AZ 86302-0042	Date:	July 24, 2022
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Landscape along Bear Wallow Lane, Uptown Sedona in the Background, 20 Bear Wallow Lane

Sedona Historic Property Inventory Form



Landscape With Walking Path, 20 Bear Wallow Lane

## Sedona Historic Property Inventory Form

### PROPERTY INFORMATION

Address:	65 Schnebly Hill Road	Survey Site #:	
Historic Name:		Zoning:	Oak Creek Heritage District
APN #:	401-18-002C	Acres:	0.9
County:	Coconino	Subdivision:	Hart's Village
Owner name:	115 Schnebly LLC R. D. Olson Development	Owner Address:	520 Newport Center Drive Suite 600 Newport Beach, CA 92660

### BUILDING INFORMATION

Construction Date:	1930s	Estimated:	X	Known:		Source:	Farley Ditch Investigation Field Notes, Sharon Masek Lopez and David Tracy, 2 Aug. 2018
Architect:		Not determined:	X	Known:		Source:	
Builder:		Not determined:	X	Known:		Source:	

### Structural Condition *(Describe the current structural condition of the property)*

Good <i>(well maintained, no serious problems apparent):</i>		Poor <i>(major problems; imminent threat):</i>	
Fair <i>(some problems apparent):</i>		Ruin/Uninhabitable:	X

*Describe:* The only structure on this parcel is a seep well on the southwest corner of the property. The square housing for the seep well is a ruin. It is constructed of dressed, mortared Moenkopi Sandstone and concrete. The purpose of this seep well was to provide water prior to and after the availability of electricity. Rather than drill a well, the seep well was designed as catchment for water that seeps out of the ground.

The concept of a seep well rather than a dug or drilled well is an important historical approach to obtaining water in the Sedona area.

### USES/FUNCTION

<i>Current Use:</i>	Ruin
<i>Historic Use:</i>	Seep Well, Agriculture
<i>Sources:</i>	Field observations

### SIGNIFICANCE

#### A. Historic Events/Trends *(Describe how the property is associated either with a significant historic event, or with a trend or pattern of events important to the history of the nation, the state, or a local community.)*

This parcel, as well as others on Schnebly Hill Road and Bear Wallow Lane, are within the incorporated limits of the City of Sedona. Sedona was incorporated in 1988. These parcels, which are adjacent to or near Oak Creek, were originally developed in Coconino County as agricultural land and had legal rights to water directly from Oak Creek. This seep well is said to have provided water to the Gassaway House, which is across Schnebly Hill Road and on top of a hill, as there was no water source available to the Gassaway House. When electricity became available in the 1940s, a pump and water lines were installed to provide water to the Gassaway House from this well. Water was dipped from the well and hauled and later pumped and piped to its destination.

This property was never developed and is vacant land except for the well.

## Sedona Historic Property Inventory Form

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### B. Person *(Describe how the property is associated with the life of a person significant in the past.)*

N/A

### C. Architecture *(Describe how the property embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or possesses high artistic values.)*

Vernacular, hand built housing for a seep well.

Outbuildings: *(Describe any other buildings or structures on the property and whether they may be considered historic.)*

### INTEGRITY *(To be eligible, a property must have integrity-it must be able to visually convey its importance.)*

#### 1. Location

Original site:	X	Moved:		Date:		Original Site:	
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#### 2. Design

*(Describe alterations from the original design, including dates—known or estimated—when alterations were made)*

The housing for the seep well is currently in ruin. Pipes have been removed or altered, a large hole at the base of the housing gives direct access to the well, which does hold water, and large pieces of the building are missing or lying on the ground.

#### 3. Setting *(Describe the natural and/or built environment around the property)*

Much of the area to be developed in the Schnebly Hill Road and Bear Wallow Lane area along Oak Creek are located in the floodway of Oak Creek. Indeed, this area has flooded numerous times and natural drainage areas are prevalent on much of the area. As the area was formerly farmed, and there are a few remaining fruit trees as well as native and introduced grasses and native plants. The predominant native plants are Mesquite and Soap tree Yucca. The well is very close to a currently dry tributary of Oak Creek and also to Oak Creek.

*Describe how the setting has changed since the property's period of significance:*

This parcel was formerly part of the Steele family's fruit farm. There are only a few remaining fruit trees. Mature Fremont Cottonwood and Arizona Sycamore trees line the Oak Creek side of the property.

#### 4. Materials *(Describe the materials used in the following elements of the property)*

Walls (structure):	Moenkopi Sandstone	Foundation:	concrete	Roof:	None
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Wall Sheathing: Moenkopi Sandstone

*If the sheathing has been altered, what was it originally?*

Windows: none

*If the windows have been altered, what were they originally?*

#### 5. Workmanship *(Describe the distinctive elements, if any, of craftsmanship or method of construction)*

**Sedona Historic Property Inventory Form**

Dressed and mortared red Moenkopi Sandstone enclose the seep well in a small, square, roofless housing (building).

**RECOMMENDATIONS OF ELIGIBILITY** (*opinion of surveyor*)

Individually, the Property <u>is</u> eligible:		Individually, the Property <u>is not</u> eligible:	X
Property <u>is</u> eligible as a contributor to a potential historic district:		Property <u>is not</u> eligible as a contributor to a potential historic district:	
More information needed to evaluate:			
<i>If not considered eligible, state reason:</i> The structure has lost context and integrity and is a ruin.			

**FORM COMPLETED BY:**

Name:	Nancy Burgess Preservation Consulting P. O. Box 42 Prescott, AZ 86302-0042	Date:	July 24, 2022
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Seep Well Housing, 65 Schnebly Hill Road

Sedona Historic Property Inventory Form



Landscape, 65 Schnebly Hill Road

## Sedona Historic Property Inventory Form

### PROPERTY INFORMATION

Address:	95 Schnebly Hill Road	Survey Site #:	
Historic Name:		Zoning:	Oak Creek Heritage District
APN #:	401-18-001A	Acres:	1.1
County:	Coconino	Subdivision:	Hart's Village
Owner name:	115 Schnebly LLC R. D. Olson Development	Owner Address:	520 Newport Center Drive Suite 600 Newport Beach, CA 92660

### BUILDING INFORMATION

Construction Date:	Ca. 1950	Estimated:	X	Known:		Source:	Outdoor sink dated 1951
Architect:		Not determined:	X	Known:		Source:	
Builder:		Not determined:	X	Known:		Source:	

### Structural Condition *(Describe the current structural condition of the property)*

Good <i>(well maintained, no serious problems apparent):</i>		Poor <i>(major problems; imminent threat):</i>	
Fair <i>(some problems apparent):</i>	X	Ruin/Uninhabitable:	
<p><i>Describe:</i> This wood frame, wood sided dwelling is approximately 70 years old and has been a rental for the last twenty plus years. Although maintained, the building is currently vacant and so recent maintenance has been scaled back. It is weathered on the exterior with deteriorated wood at the bottom of the walls. The roof needs some slight repairs. Otherwise, the condition is fair and livable.</p>			

### USES/FUNCTION

Current Use:	Dwelling
Historic Use:	Vacant
Sources:	Farley Ditch Field Investigation Field Notes, Sharon Masek Lopez and David Tracy, 2 Aug. 2018; Field observations; David Tracy, former owner

### SIGNIFICANCE

#### A. Historic Events/Trends *(Describe how the property is associated either with a significant historic event, or with a trend or pattern of events important to the history of the nation, the state, or a local community.)*

Until the 1950s, the Sedona area, including Red Rock, Oak Creek and Big Park, were predominately rural, with agriculture as the basis of the economy. In the 1950s and into the 1960s, much of the farming was gradually replaced as the pioneer farming generation passed away or left the area. The post-war influx of new residents to the State of Arizona dramatically expanded the populations of rural communities such as Sedona. Improvements in infrastructure, including roads, utilities and water along with "community betterment" projects made commercial and residential development more feasible. The result was a shift in the economic base of the area as developers promoted their new subdivisions as desirable for summer homes, active retirement and as a desirable place for artists and writers.

This parcel is a part of the historic Farley Homestead land and includes a section of the historic Farley/Steele Ditch (see individual inventory form for the Farley/Steele Ditch). This parcel, as well as others on Schnebly Hill Road and Bear Wallow Lane, are within the incorporated limits of the City of Sedona. Sedona was incorporated in 1988. These properties, which are adjacent to or near Oak Creek, were originally developed in Coconino County as agricultural land and had legal rights to



### Sedona Historic Property Inventory Form

water directly from Oak Creek. They were mostly re-developed in the mid-twentieth century as the transition was being made from agriculture to commercial and residential development and eventually a tourist-based economy. The population of the incorporated City of Sedona according to the 2020 Decennial U.S. Census is 9,684 and reflects considerable growth and development in the area in the last twenty years. Although this number seems small, the population would be expanded considerably if the immediate areas outside the city limits in both Coconino and Yavapai counties were included. This growth has resulted in the gradual reduction in farming, particularly fruit crops, for which Red Rock, Oak Creek and Big Park were famous in the late 19th century and the early to mid-20th century. Although some farming has continued in the greater Sedona area, it is greatly diminished by the growth of the area.

**B. Person** *(Describe how the property is associated with the life of a person significant in the past.)*

**C. Architecture** *(Describe how the property embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or possesses high artistic values.)*

This dwelling exhibits elements of vernacular construction. Many alterations have been made over the life of this dwelling. This is a one story wood frame building. The foundation is concrete and stone. The siding is wood board and batt siding. There are many windows, including wood frame casement windows, 2/2, 3/3 set in pairs and fixed panes set in pairs and groups. The front elevation of the building has rows of windows set in groups with board and batt siding below. A dressed stone chimney pierces the end gabled roof, which is covered in composition shingles. Several roof planes intersect, including shed roofs over windows and what appears to be an addition at one end of the building. An end gabled roof over a breezeway connects the dwelling to a small wood frame building which is used as a laundry. Potable water is provided by Arizona Water Company.

**Outbuildings:** *(Describe any other buildings or structures on the property and whether they may be considered historic.)*

Laundry: A small rectangular building with fixed pane windows at the roof line, and an end gabled roof, which is an extension of the roof over the breezeway, and which is attached to the dwelling.

Garage/Studio/Dwelling unit #2: A two car garage was been converted, first into a studio (date unknown) and then into a dwelling unit around 2010. This is a one story, end gabled, rectangular building. The foundation is concrete. The siding is wood board and batt siding. The windows include wood frame casement windows set in pairs and fixed pane sidelights flanking the front door.

Shed: Modern construction (about 2010), no foundation (movable), end gabled roof, wood construction with wood paneling on exterior walls. No windows.

**INTEGRITY** *(To be eligible, a property must have integrity-it must be able to visually convey its importance.)*

#### 1. Location

Original site: X	Moved:	Date:	Original Site:
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#### 2. Design

*(Describe alterations from the original design, including dates—known or estimated—when alterations were made)*

There have been many alterations and additions to the primary dwelling. For the most part, the dates are unknown.

#### 3. Setting *(Describe the natural and/or built environment around the property)*

Much of the area to be developed in the Schnebly Hill Road and Bear Wallow Lane area along Oak Creek are located in the floodway of Oak Creek. Indeed, this area has flooded numerous times and natural drainage areas are prevalent on much of the area. A dry creekbed cuts across the property. As the area was formerly farmed, the terrain is fairly flat. There are

### Sedona Historic Property Inventory Form

some remaining fruit trees as well as mature native and non-native trees and shrubs. The primary dwelling is located on the bank of Oak Creek. The approximately one acre property includes various planters, walkways, steps and landscape features which are constructed of dressed sandstone, mainly around the primary dwelling and the converted garage. Garden plantings surround the buildings. Lawn covers part of the property. Mature Fremont Cottonwoods and Arizona Sycamores line Oak Creek. A pipe which historically returned water to Oak Creek is extant on the southwest corner of the property. There is a gated driveway with a bridge which crosses the Farley/Steele Ditch from Schnebly Hill Road which gives access to this parcel.

*Describe how the setting has changed since the property's period of significance:*

Trees have matured and now present a shade canopy around the buildings and on portions of the property.

#### 4. Materials *(Describe the materials used in the following elements of the property)*

Walls (structure):	Wood	Foundation:	Concrete and sandstone	Roof:	Composition shingles
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Wall Sheathing:	Wood board and batt
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*If the sheathing has been altered, what was it originally?*

Windows:	Mostly wood frame casements, wood fixed pane
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*If the windows have been altered, what were they originally?* Wood frame casements are probably mostly original. Others are probably replacements. Original window materials or configuration are unknown.

#### 5. Workmanship *(Describe the distinctive elements, if any, of craftsmanship or method of construction)*

The one distinctive feature of the primary dwelling is the very large chimney which pierces the gabled roof. It is constructed of dressed, mortared Moenkopi Sand stone cut into brick-shaped slabs.

#### RECOMMENDATIONS OF ELIGIBILITY *(opinion of surveyor)*

Individually, the Property <u>is</u> eligible:		Individually, the Property <u>is not</u> eligible:	X
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Property <u>is</u> eligible as a contributor to a potential historic district:		Property <u>is not</u> eligible as a contributor to a potential historic district:	
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More information needed to evaluate:	
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*If not considered eligible, state reason:*

The dwelling and accessory buildings lack historic integrity.

#### FORM COMPLETED BY:

Name:	Nancy Burgess Preservation Consulting P. O. Box 42 Prescott, AZ 86302-0042	Date:	July 24, 2022
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Sedona Historic Property Inventory Form



Converted Garage and Main Dwelling, 95 Schnebly Hill Road

Sedona Historic Property Inventory Form



Dwelling, Front Elevation Showing Chimney, 95 Schnebly Hill Road

Sedona Historic Property Inventory Form



Dwelling, Rear Elevation, 95 Schnebly Hill Road

## Sedona Historic Property Inventory Form

### PROPERTY INFORMATION

Address:	105 Schnebly Hill Road	Survey Site #:	
Historic Name:		Zoning:	Oak Creek Heritage District
APN #:	401-18-031G	Acres:	0.85
County:	Coconino	Subdivision:	Hart's Village
Owner name:	115 Schnebly LLC R. D. Olson Development	Owner Address:	520 Newport Center Drive Suite 600 Newport Beach, CA 92660

### BUILDING INFORMATION

Construction Date:	Ca. 1970	Estimated:	X	Known:		Source:	Farley Ditch Investigation Field Notes, Sharon Masek Lopez and David Tracy, 2 Aug. 2018; David Tracy, property owner prior to 115 Schnebly LLC.
Architect:		Not determined:	X	Known:		Source:	
Builder:		Not determined:	X	Known:		Source:	

### Structural Condition *(Describe the current structural condition of the property)*

Good <i>(well maintained, no serious problems apparent):</i>		Poor <i>(major problems; imminent threat):</i>	
Fair <i>(some problems apparent):</i>		Ruin/Uninhabitable:	
<i>Describe:</i> This parcel provides access to parcel 401-18-031D (115 Schnebly Hill Road) via a gated driveway and bridge over the Farley/Steele Ditch. It is adjacent to Schnebly Hill Road. It is not adjacent to Oak Creek.			

### USES/FUNCTION

<i>Current Use:</i>	Vacant Land with section of Farley/Steele Ditch
<i>Historic Use:</i>	Agricultural
<i>Sources:</i>	Field observations

### SIGNIFICANCE

#### A. Historic Events/Trends *(Describe how the property is associated either with a significant historic event, or with a trend or pattern of events important to the history of the nation, the state, or a local community.)*

Until the 1950s, the Sedona area, including Red Rock, Oak Creek and Big Park, were predominately rural, with agriculture as the basis of the economy. A year-around source of water was the primary reason that agriculture became the driving force in the economy of the area, and irrigation was the key to the success of the farming in the Sedona Area. This parcel is a part of the historic Farley Homestead and includes a section of the historic Farley/Steele Ditch (see individual inventory form for the Farley/Steele Ditch). This section of the Farley/Steele Ditch includes sections of corrugated metal pipe and a cement lined section of the ditch, which dies into the grass at one point. These are important structures which help to tell the story of irrigated farming on Schnebly Hill Road.

In the 1950s and into the 1960s, much of the farming was gradually replaced as the pioneer farming generation passed away or left the area. The post-war influx of new residents to the State of Arizona dramatically expanded the populations of rural communities such as Sedona. Improvements in infrastructure, including roads, utilities and water along with

## Sedona Historic Property Inventory Form

"community betterment" projects made commercial and residential development more feasible. The result was a shift in the economic base of the area as developers promoted their new subdivisions as desirable for summer homes, active retirement and as a desirable place for artists and writers.

This parcel, as well as others on Schnebly Hill Road and Bear Wallow Lane, are within the incorporated limits of the City of Sedona. Sedona was incorporated in 1988. These parcels, which are adjacent to or near Oak Creek, were originally developed in Coconino County as agricultural land and had legal rights to water directly from Oak Creek.

### B. Person *(Describe how the property is associated with the life of a person significant in the past.)*

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### C. Architecture *(Describe how the property embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or possesses high artistic values.)*

N/A
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Outbuildings: *(Describe any other buildings or structures on the property and whether they may be considered historic.)*

N/A
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### INTEGRITY *(To be eligible, a property must have integrity-it must be able to visually convey its importance.)*

#### 1. Location

Original site: X	Moved:	Date:	Original Site:
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#### 2. Design

*(Describe alterations from the original design, including dates—known or estimated—when alterations were made)*

The Farley/Steele Ditch has not been in use since 1948. The ditch has deteriorated to the extent that only parts of it are visible and none of the ditch is in use. On this parcel, the sections of ditch are clearly defined as there is concrete lining and corrugated metal pipe extant.

#### 3. Setting *(Describe the natural and/or built environment around the property)*

Much of the area to be developed in the Schnebly Hill Road and Bear Wallow Lane area along Oak Creek are located in the floodway of Oak Creek. Indeed, this area has flooded numerous times and natural drainage areas are prevalent on much of the area. As the area was formerly farmed, there are a few remaining fruit trees on the parcel, including 4 plum, 1 pecan, 1 nectarine and 3 apple trees plus lawn and native plants.

*Describe how the setting has changed since the property's period of significance:*

No longer farmed, the majority of the farm crops, in this case orchards, have died or been removed for development. Irrigated lawn predominates on this parcel.

#### 4. Materials *(Describe the materials used in the following elements of the property)*

Walls (structure):	Foundation:	Roof:
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Wall Sheathing:	
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*If the sheathing has been altered, what was it originally?*

Windows:	
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**Sedona Historic Property Inventory Form**

*If the windows have been altered, what were they originally?*

**5. Workmanship** *(Describe the distinctive elements, if any, of craftsmanship or method of construction)*

The historic Farley/Steele Ditch was constructed with whatever materials would work for the gravity flow of the water from Oak Creek. This section includes corrugated pipe (see separate inventory form for The Farley/Steele Ditch), cement lining and unlined sections. At one time, an elevated flume using steel pipe existed on the property.

**RECOMMENDATIONS OF ELIGIBILITY** *(opinion of surveyor)*

Individually, the Property <u>is</u> eligible:	Individually, the Property <u>is not</u> eligible:	X
Property <u>is</u> eligible as a contributor to a potential historic district:	Property <u>is not</u> eligible as a contributor to a potential historic district:	
More information needed to evaluate:		

*If not considered eligible, state reason:*

The only structures on the property are the non-historic bridge and the remnants of the Farley/ Steele Ditch. See separate inventory form for the Farley/Steele Ditch.

**FORM COMPLETED BY:**

Name:	Nancy Burgess Preservation Consulting P. O. Box 42 Prescott, AZ 86302-0042	Date:	July 24, 2022
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Concrete Lined Section of the Farley/Steele Ditch, 105 Schnebly Hill Road



Corrugated Pipe Section of the Farley/Steele Ditch, 105 Schnebly Hill Road

## Sedona Historic Property Inventory Form

### PROPERTY INFORMATION

Address:	115 Schnebly Hill Road	Survey Site #:	
Historic Name:		Zoning:	Oak Creek Heritage District
APN #:	401-18-031D	Acres:	1.85
County:	Coconino	Subdivision:	Hart's Village
Owner name:	115 Schnebly LLC R. D. Olson Development	Owner Address:	520 Newport Center Drive Suite 600 Newport Beach, CA 92660

### BUILDING INFORMATION

Construction Date:	1970s	Estimated:	X	Known:		Source:	Farley Ditch Investigation Field Notes, Sharon Masek Lopez and David Tracy 2 Aug. 2018; David Tracy (most recent property owner prior to 115 Schnebly LLC)
Architect:		Not determined:	X	Known:		Source:	
Builder:		Not determined:	X	Known:		Source:	

### Structural Condition *(Describe the current structural condition of the property)*

Good <i>(well maintained, no serious problems apparent):</i>	X	Poor <i>(major problems; imminent threat):</i>	
Fair <i>(some problems apparent):</i>		Ruin/Uninhabitable:	
<i>Describe:</i> Structural Condition is good and property is well maintained. The only apparent problems are the condition of the double front doors which are exposed to the weather and are somewhat weathered and faded, and the shake roof, which is very weathered, but does not leak.			

### USES/FUNCTION

Current Use:	Dwelling
Historic Use:	Dwelling
Sources:	Field observations; David Tracy

### SIGNIFICANCE

#### A. Historic Events/Trends *(Describe how the property is associated either with a significant historic event, or with a trend or pattern of events important to the history of the nation, the state, or a local community.)*

Until the 1950s, the Sedona area, including Red Rock, Oak Creek and Big Park, were predominately rural, with agriculture as the basis of the economy. In the 1950s and into the 1960s, much of the farming was gradually replaced as the pioneer farming generation passed away or left the area. The post-war influx of new residents to the State of Arizona dramatically expanded the populations of rural communities such as Sedona. Improvements in infrastructure, including roads, utilities and water along with "community betterment" projects made commercial and residential development more feasible. The result was a shift in the economic base of the area as developers promoted their new subdivisions as desirable for summer homes, active retirement and as a desirable place for artists and writers.

This parcel, as well as others on Schnebly Hill Road and Bear Wallow Lane, are within the incorporated limits of the City of Sedona. Sedona was incorporated in 1988. These parcels, which are adjacent to or near Oak Creek, were originally

## Sedona Historic Property Inventory Form

developed in Coconino County as agricultural land and had legal rights to water directly from Oak Creek. They were mostly re-developed in the mid-to late twentieth century as the transition was being made from agriculture to commercial and residential development and eventually a tourist-based economy. In the case of most of these properties, established water rights run with the land, and so these properties are irrigated from Oak Creek or tributaries of Oak Creek.

The population of the incorporated City of Sedona according to the 2020 Decennial U.S. Census is 9,684 and reflects considerable growth and development in the area in the last twenty years. Although this number seems small, the population would be expanded considerably if the immediate areas outside the city limits in both Coconino and Yavapai counties were included. This growth has resulted in the reduction in farming, particularly fruit crops, for which Red Rock, Oak Creek and Big Park were famous in the late 19th century and the early to mid-20th century. Although some farming has continued in the greater Sedona area, it is greatly diminished by the growth of the area.

### B. Person *(Describe how the property is associated with the life of a person significant in the past.)*

### C. Architecture *(Describe how the property embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or possesses high artistic values.)*

This is a 2,400 square foot, one story wood frame dwelling with a rectangular footprint. It is a typical 1970s Ranch style dwelling with a low-profile end-gable shake roof which is pierced by a brick chimney. A low profile cross gable shake roof extends over the front entry, which has brick steps and wood double doors with diamond-shaped glass panes. Banks of fixed double pane windows on the rear elevation of the dwelling face Oak Creek. There is an attached two-car garage. The wood shake roof on the attached garage has recently been replaced with corrugated metal. A raised deck on the rear elevation is accessible from a pair of sliding glass doors. The deck is located directly on the bank of Oak Creek.

#### *Outbuildings: (Describe any other buildings or structures on the property and whether they may be considered historic.)*

Open Storage Barn: A modern wood frame building, concrete foundation, wood siding, a low pitch roof with corrugated metal roof and simple brackets supporting the overhang on the gable ends of the building. Building is open on both ends. A shed roof (made from recycled garage door) on one side is supported by wood posts. The opposite side of the building is built into a bank. The building is used for storage.

Equipment shed: A modern wood frame building with a concrete foundation, wood panel siding and a low pitch shed roof covered with corrugated metal. There are three doors (one single, one pair) on the front elevation of the building. There are no windows or other openings.

Water Tank Building: Constructed of random and dressed red Moenkopi Sandstone, this small historic building encloses a water storage tank which is not in use. The roof is a low pitch end-gable with corrugated metal roofing. It has one door and no windows.

### INTEGRITY *(To be eligible, a property must have integrity-it must be able to visually convey its importance.)*

#### 1. Location

Original site: X	Moved:	Date:	Original Site:
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#### 2. Design

##### *(Describe alterations from the original design, including dates—known or estimated—when alterations were made)*

David Tracy, who has lived on the property for about 25 years, states that most of the windows were replaced more than 25 years ago with fixed, dual pane inserts. Various additions to the footprint of the building have been constructed on the

### Sedona Historic Property Inventory Form

rear elevation, mostly small storage areas. A large raised wood deck which is accessible from the dining room through a pair of sliding glass doors terminates at the bank of Oak Creek.

#### 3. Setting (Describe the natural and/or built environment around the property)

Much of the area to be developed in the Schnebly Hill Road and Bear Wallow Lane area along Oak Creek are located in the floodway of Oak Creek. Indeed, this area has flooded numerous times and natural drainage areas are prevalent on much of the area. As the area was formerly farmed, there are numerous remaining fruit trees as well as non-native trees, shrubs and an extensive grass lawn. The property is irrigated and has water rights from Oak Creek. The property is irrigated directly from Oak Creek with an instream pump. Piping can be raised and lowered using a crank and pulley system. A thick canopy of mature trees along Oak Creek provide extensive background foliage.

*Describe how the setting has changed since the property's period of significance:*

This parcel was a part of the historic Farley Homestead and was part of a fruit orchard. Quite a few of the fruit trees remain and have been irrigated and pruned over the last 25 years. Some still bear fruit. The property includes numerous brick retaining walls plus berms which help with the control of the irrigation water and protect the dwelling and structures from floodwater from Oak Creek. Other mature trees, shrubs and non-native plantings surround the dwelling.

#### 4. Materials (Describe the materials used in the following elements of the property)

Walls (structure):	Wood	Foundation:	CMU	Roof:	Wood shakes
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Wall Sheathing:	Wood board and batt with brick trim (non-structural)
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*If the sheathing has been altered, what was it originally?*

Windows:	Wood framed fixed pane, steel casements, two sets of sliding glass doors (aluminum frame).
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*If the windows have been altered, what were they originally?*

Probably steel casements or similar, since the remaining original windows are steel casements.

#### 5. Workmanship (Describe the distinctive elements, if any, of craftsmanship or method of construction)

The dwelling is well constructed and has been continuously occupied by the current family for more than 25 years. It has been well maintained and has historic integrity.

#### RECOMMENDATIONS OF ELIGIBILITY (opinion of surveyor)

Individually, the Property <u>is</u> eligible:		Individually, the Property <u>is not</u> eligible:	
Property <u>is</u> eligible as a contributor to a potential historic district:	X*	Property <u>is not</u> eligible as a contributor to a potential historic district:	
More information needed to evaluate:			

*If not considered eligible, state reason:*

\*This dwelling and one other structure (the stone water tank building) on this parcel have historic integrity.

#### FORM COMPLETED BY:

Name:	Nancy Burgess Preservation Consulting P. O. Box 42 Prescott, AZ 86302-0042	Date:	July 24, 2022
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Sedona Historic Property Inventory Form



Dwelling, 115 Schnebly Hill Road



Equipment Shed, 115 Schnebly Hill Road

**Sedona Historic Property Inventory Form**



Historic Water Storage Tank Building, not in use, 115 Schnebly Hill Road



Sedona Historic Property Inventory Form



Storage Barn, 115 Schnebly Hill Road

## Sedona Historic Property Inventory Form

### PROPERTY INFORMATION

Address:	165A Schnebly Hill Road	Survey Site #:	
Historic Name:		Zoning:	Oak Creek Heritage District
APN #:	401-18-031B	Acres:	0.96 (Includes a second dwelling)
County:	Coconino	Subdivision:	Hart's Village
Owner name:	115 Schnebly LLC R. D. Olson Development	Owner Address:	520 Newport Center Drive Suite 600 Newport Beach, CA 92660

### BUILDING INFORMATION

Construction Date:	Ca. 1970s	Estimated:	X	Known:		Source:	Field observation
Architect:		Not determined:	X	Known:		Source:	
Builder:		Not determined:	X	Known:		Source:	

### Structural Condition *(Describe the current structural condition of the property)*

Good <i>(well maintained, no serious problems apparent):</i>	X	Poor <i>(major problems; imminent threat):</i>	
Fair <i>(some problems apparent):</i>		Ruin/Uninhabitable:	
<i>Describe:</i> This 1970s Ranch style dwelling appears to be well maintained. Roof, foundation, paint, windows and landscaping appear to be in good condition.			

### USES/FUNCTION

Current Use:	Dwelling
Historic Use:	Dwelling
Sources:	Field observations

### SIGNIFICANCE

#### A. Historic Events/Trends *(Describe how the property is associated either with a significant historic event, or with a trend or pattern of events important to the history of the nation, the state, or a local community.)*

There are two dwellings on this parcel. The dwellings are accessed from Schnebly Hill Road by a long, narrow driveway easement which begins between 105 and 195 Schnebly Hill Road. This dwelling is the easternmost of the two dwellings and is dwelling 165A. See separate inventory form for 165B.

Until the 1950s, the Sedona area, including Red Rock, Oak Creek and Big Park, were predominately rural, with agriculture as the basis of the economy. In the 1950s and into the 1960s, much of the farming was gradually replaced as the pioneer farming generation passed away or left the area. The post-war influx of new residents to the State of Arizona dramatically expanded the populations of rural communities such as Sedona. Improvements in infrastructure, including roads, utilities and water along with "community betterment" projects made commercial and residential development more feasible. The result was a shift in the economic base of the area as developers promoted their new subdivisions as desirable for summer homes, active retirement and as a desirable place for artists and writers.

## Sedona Historic Property Inventory Form

This parcel, as well as others on Schnebly Hill Road and Bear Wallow Lane, are within the incorporated limits of the City of Sedona. Sedona was incorporated in 1988. These parcels, which are adjacent to or near Oak Creek, were originally developed in Coconino County as agricultural land and had legal rights to water directly from Oak Creek. They were mostly re-developed in the mid-twentieth century as the transition was being made from agriculture to commercial and residential development and eventually a tourist-based economy.

The population of the incorporated City of Sedona according to the 2020 Decennial U.S. Census is 9,684 and reflects considerable growth and development in the area in the last twenty years. Although this number seems small, the population would be expanded considerably if the immediate areas outside the city limits in both Coconino and Yavapai counties were included. This growth has resulted in the reduction in farming, particularly fruit crops, for which Red Rock, Oak Creek and Big Park were famous in the late 19th century and the early to mid-20th century. Although some farming has continued in the greater Sedona area, it is greatly diminished by the growth of the area.

### B. Person *(Describe how the property is associated with the life of a person significant in the past.)*

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### C. Architecture *(Describe how the property embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or possesses high artistic values.)*

This dwelling is a typical 1970s "L" shaped, cross-gabled, Ranch style building with a concrete foundation, vertical wood panel siding, aluminum windows and a composition roof. There is an alcove in the rear elevation of the building which opens onto a patio. The roof has a low pitch and the shallow eaves are supported by simple wood brackets. Gables are vented. A chimney flue pierces the roof. There are metal gutters with downspouts on all four elevations at the fascia. Potable water is supplied by Arizona Water Company.

Outbuildings: *(Describe any other buildings or structures on the property and whether they may be considered historic.)*

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## INTEGRITY *(To be eligible, a property must have integrity-it must be able to visually convey its importance.)*

### 1. Location

Original site: X	Moved:	Date:	Original Site:
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### 2. Design

*(Describe alterations from the original design, including dates—known or estimated—when alterations were made)*

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### 3. Setting *(Describe the natural and/or built environment around the property)*

This parcel was a portion of the historic Farley Homestead and was farmed by the Farley and Steele families. This dwelling is not adjacent to Oak Creek.

*Describe how the setting has changed since the property's period of significance:*

Once farming ceased and development came to Schnebly Hill Road, several dwellings were constructed in the 1970s, including this one. Any remnants of fruit farming have disappeared from this parcel. The dwelling is well landscaped with non-native trees, shrubs and other flora. Sidewalks and pathways access the dwelling and the patio area. The area is well shaded with mature trees.

**Sedona Historic Property Inventory Form****4. Materials** (Describe the materials used in the following elements of the property)

Walls (structure):	Wood	Foundation:	Concrete	Roof:	Composition shingles
Wall Sheathing:	Wood panels with vertical grooving				
<i>If the sheathing has been altered, what was it originally?</i>					
Wall sheathing may have been replaced with a more modern product; original material unknown.					
Windows:	Aluminum sliders				
<i>If the windows have been altered, what were they originally?</i>					

**5. Workmanship** (Describe the distinctive elements, if any, of craftsmanship or method of construction)

Workmanship appears to be satisfactory for a modest 1970s Ranch style rental dwelling.
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**RECOMMENDATIONS OF ELIGIBILITY** (opinion of surveyor)

Individually, the Property <u>is</u> eligible:	Individually, the Property <u>is not</u> eligible:	X
Property <u>is</u> eligible as a contributor to a potential historic district:	Property <u>is not</u> eligible as a contributor to a potential historic district:	
More information needed to evaluate:		
<i>If not considered eligible, state reason:</i>		
Although this modest rental dwelling is more than 50 years old, whether or not any of the materials, such as the siding, are original, is unknown and therefore historic integrity cannot be ascertained.		

**FORM COMPLETED BY:**

Name:	Nancy Burgess Preservation Consulting P. O. Box 42 Prescott, AZ 86302-0042	Date:	July 24, 2022
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Sedona Historic Property Inventory Form



Dwelling, Front Elevation, 165A Schnebly Hill Road

Sedona Historic Property Inventory Form



Dwelling, Rear Elevation, 165A Schnebly Hill Road

## Sedona Historic Property Inventory Form

### PROPERTY INFORMATION

Address:	165B Schnebly Hill Road Also known as 167 Schnebly Hill Road	Survey Site #:	
Historic Name:		Zoning:	Oak Creek Heritage District
APN #:	401-18-031B	Acres:	0.96 (includes a second dwelling)
County:	Coconino	Subdivision:	Hart's Village
Owner name:	115 Schnebly LLC R. D. Olson Development	Owner Address:	520 Newport Center Drive Suite 600 Newport Beach, CA 92660

### BUILDING INFORMATION

Construction Date:	Ca. 1970s	Estimated:	X	Known:		Source:	Field Observation
Architect:		Not determined:	X	Known:		Source:	
Builder:		Not determined:	X	Known:		Source:	

### Structural Condition *(Describe the current structural condition of the property)*

Good <i>(well maintained, no serious problems apparent):</i>	X	Poor <i>(major problems; imminent threat):</i>	
Fair <i>(some problems apparent):</i>		Ruin/Uninhabitable:	
<i>Describe:</i> This is a well maintained and nicely landscaped 1970s two story Ranch style dwelling.			

### USES/FUNCTION

<i>Current Use:</i>	Dwelling
<i>Historic Use:</i>	Dwelling
<i>Sources:</i>	Field observations

### SIGNIFICANCE

#### A. Historic Events/Trends *(Describe how the property is associated either with a significant historic event, or with a trend or pattern of events important to the history of the nation, the state, or a local community.)*

There are two dwellings on this parcel. This parcel is part of the historic Farley Homestead and was farmed by the Farleys and the Steeles. The dwellings are accessed from Schnebly Hill Road by a long, narrow driveway easement which begins between 105 and 195 Schnebly Hill Road. This dwelling is the westernmost of the two dwellings and is dwelling 165B. This dwelling is adjacent to Oak Creek. See separate inventory form for 165A.

Until the 1950s, the Sedona area, including Red Rock, Oak Creek and Big Park, were predominately rural, with agriculture as the basis of the economy. In the 1950s and into the 1960s, much of the farming was gradually replaced as the pioneer farming generation passed away or left the area. The post-war influx of new residents to the State of Arizona dramatically expanded the populations of rural communities such as Sedona. Improvements in infrastructure, including roads, utilities and water along with "community betterment" projects made commercial and residential development more feasible. The result was a shift in the economic base of the area as developers promoted their new subdivisions as desirable for summer homes, active retirement and as a desirable place for artists and writers.

## Sedona Historic Property Inventory Form

This parcel, as well as others on Schnebly Hill Road and Bear Wallow Lane, are within the incorporated limits of the City of Sedona. Sedona was incorporated in 1988. These parcels, which are adjacent to or near Oak Creek, were originally developed in Coconino County as agricultural land and had legal rights to water directly from Oak Creek. They were mostly re-developed in the mid-twentieth century as the transition was being made from agriculture to commercial and residential development and eventually a tourist-based economy.

The population of the incorporated City of Sedona according to the 2020 Decennial U.S. Census is 9,684 and reflects considerable growth and development in the area in the last twenty years. Although this number seems small, the population would be expanded considerably if the immediate areas outside the city limits in both Coconino and Yavapai counties were included. This growth has resulted in the reduction in farming, particularly fruit crops, for which Red Rock, Oak Creek and Big Park were famous in the late 19th century and the early to mid-20th century. Although some farming has continued in the greater Sedona area, it is greatly diminished by the growth of the area.

### B. Person *(Describe how the property is associated with the life of a person significant in the past.)*

### C. Architecture *(Describe how the property embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or possesses high artistic values.)*

This is an end-gabled one story Ranch style dwelling with a large rectangular dormer. The foundation appears to be posts and piers with decorative screening around the foundation. Lapped siding is wide horizontal boards without corner boards (siding is mitered at the corners). The siding on the dormer is wood board and batt. The roof has a moderate pitch with a modest overhang on the front and rear elevations. The dormer also has a moderate pitch end-gable roof which mimics the roof line of the one story part of the dwelling. Both roof planes are covered in composition shingles. Windows are steel casements set in pairs or groups with a three panes per window configuration.

There is a small balcony off the rear elevation of the dormer. The balcony is over a shed-roofed patio which is accessed from the interior of the one story portion of the house or from the outside via stone steps. The patio decking is concrete with wood railings. The balcony and patio appear to have been added later as the materials are different from the original.

#### *Outbuildings: (Describe any other buildings or structures on the property and whether they may be considered historic.)*

Shed: A small shed, which has been moved to its present location near the dwelling, has wide horizontal wood siding with corner boards, one door and a moderately pitched end gable roof with a small overhang in the front and the rear covered in metal.

### INTEGRITY *(To be eligible, a property must have integrity-it must be able to visually convey its importance.)*

#### 1. Location

Original site: X	Moved:	Date:	Original Site:
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#### 2. Design

*(Describe alterations from the original design, including dates—known or estimated—when alterations were made)*

The dormer may have been added later. The balcony, patio roof and patio also appear to have been added at a later date.

#### 3. Setting *(Describe the natural and/or built environment around the property)*



### Sedona Historic Property Inventory Form

The setting was part of the Farley Homestead agricultural area, primarily fruit farming. As the farming uses diminished, parcels were broken up into smaller holdings and some were developed as residential property. The parcel includes two dwellings, both rentals. See inventory form for 165A Schnebly Hill Road.

*Describe how the setting has changed since the property's period of significance:*

The property has been developed with mature non-native trees, garden areas, flora and ground cover as well as walkways. It is adjacent to Oak Creek and has a concrete patio which gives access to the bank of Oak Creek.

#### 4. Materials *(Describe the materials used in the following elements of the property)*

Walls (structure):	Wood	Foundation:	Posts and piers	Roof:	Composition Shingles
Wall Sheathing:	Wood				
<i>If the sheathing has been altered, what was it originally?</i>					
Windows:	Three pane steel casements set in pairs and groups				
<i>If the windows have been altered, what were they originally?</i>					

#### 5. Workmanship *(Describe the distinctive elements, if any, of craftsmanship or method of construction)*

Workmanship appears to be very good. Horizontal siding on the one story section of the dwelling is mitered at the corners and well fitted. The board and batt siding on the dormer is artistically patterned. Condition of the building overall is good and well maintained.

#### RECOMMENDATIONS OF ELIGIBILITY *(opinion of surveyor)*

Individually, the Property <u>is</u> eligible:		Individually, the Property <u>is not</u> eligible:	X
Property <u>is</u> eligible as a contributor to a potential historic district:		Property <u>is not</u> eligible as a contributor to a potential historic district:	
More information needed to evaluate:			
<i>If not considered eligible, state reason:</i> Although this dwelling is well maintained, historic integrity cannot be ascertained as there is no information as to whether the dormer was added at a later date. Although it too, has steel casement windows, the use of a different siding material and the general appearance of the dormer could suggest that it was not original to the building.			

#### FORM COMPLETED BY:

Name:	Nancy Burgess Preservation Consulting P. O. Box 42 Prescott, AZ 86302-0042	Date:	July 24, 2022
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Sedona Historic Property Inventory Form



Dwelling, Front Elevation, 165B Schnebly Hill Road

Sedona Historic Property Inventory Form



Dwelling, Side Elevation, 165B Schnebly Hill Road

## Sedona Historic Property Inventory Form

### PROPERTY INFORMATION

Address:	175 Schnebly Hill Road	Survey Site #:	
Historic Name:		Zoning:	Oak Creek Heritage District
APN #:	401-11-002F	Acres:	3.23
County:	Coconino	Subdivision:	Hart's Village
Owner name:	115 Schnebly LLC R. D. Olson Development	Owner Address:	520 Newport Center Drive Suite 600 Newport Beach, CA 92660

### BUILDING INFORMATION

Construction Date:		Estimated:		Known:		Source:	
Architect:		Not determined:		Known:		Source:	
Builder:		Not determined:		Known:		Source:	

### Structural Condition *(Describe the current structural condition of the property)*

Good <i>(well maintained, no serious problems apparent):</i>		Poor <i>(major problems; imminent threat):</i>	
Fair <i>(some problems apparent):</i>		Ruin/Uninhabitable:	

### USES/FUNCTION

Current Use:	Vacant land
Historic Use:	Agriculture
Sources:	Field observations

### SIGNIFICANCE

#### A. Historic Events/Trends *(Describe how the property is associated either with a significant historic event, or with a trend or pattern of events important to the history of the nation, the state, or a local community.)*

This parcel, as well as others on Schnebly Hill Road and Bear Wallow Lane, are within the incorporated limits of the City of Sedona. Sedona was incorporated in 1988. These parcels, which are adjacent to or near Oak Creek, were originally developed in Coconino County as agricultural land and had legal rights to water directly from Oak Creek. This parcel was never re-developed.

#### B. Person *(Describe how the property is associated with the life of a person significant in the past.)*

N/A

#### C. Architecture *(Describe how the property embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or possesses high artistic values.)*

## Sedona Historic Property Inventory Form

Outbuildings: *(Describe any other buildings or structures on the property and whether they may be considered historic.)*

**INTEGRITY** *(To be eligible, a property must have integrity-it must be able to visually convey its importance.)*

### 1. Location

Original site:	Moved:	Date:	Original Site:
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### 2. Design

*(Describe alterations from the original design, including dates—known or estimated—when alterations were made)*

### 3. Setting *(Describe the natural and/or built environment around the property)*

Much of the area to be developed in the Schnebly Hill Road and Bear Wallow Lane area along Oak Creek are located in the floodway of Oak Creek. Indeed, this area has flooded numerous times and natural drainage areas are prevalent on much of the area. This parcel is heavily vegetated with some areas of open land. The predominant native plants are Mesquite and Soaptree Yucca.

*Describe how the setting has changed since the property's period of significance:*

This parcel was formerly part of the Steele family's fruit farm. There are no visible remnants of the fruit orchard on this parcel. This parcel does not abut Schnebly Hill Road. There are no remnants of the Farley/Steele Ditch on this parcel.

### 4. Materials *(Describe the materials used in the following elements of the property)*

Walls (structure):	Foundation:	Roof:
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Wall Sheathing:
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*If the sheathing has been altered, what was it originally?*

Windows:
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*If the windows have been altered, what were they originally?*

### 5. Workmanship *(Describe the distinctive elements, if any, of craftsmanship or method of construction)*

### RECOMMENDATIONS OF ELIGIBILITY *(opinion of surveyor)*

Individually, the Property <u>is</u> eligible:	Individually, the Property <u>is not</u> eligible:	X
Property <u>is</u> eligible as a contributor to a potential historic district:	Property <u>is not</u> eligible as a contributor to a potential historic district:	
More information needed to evaluate:		

*If not considered eligible, state reason:* Vacant land.

**Sedona Historic Property Inventory Form**

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**FORM COMPLETED BY:**

Name:	Nancy Burgess Preservation Consulting P. O. Box 42 Prescott, AZ 86302-0042	Date:	July 24, 2022
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Landscape, 175 Schnebly Hill Road, Uptown Sedona in the Background

Sedona Historic Property Inventory Form



Landscape, 175 Schnebly Hill Road, Uptown Sedona in the Background

**Sedona Historic Property Inventory Form****PROPERTY INFORMATION**

Address:	195 Schnebly Hill Road	Survey Site #:	
Historic Name:		Zoning:	Oak Creek Heritage District
APN #:	401-11-001C	Acres:	3.23
County:	Coconino	Subdivision:	Hart's Village
Owner name:	115 Schnebly LLC R. D. Olson Development	Owner Address:	520 Newport Center Drive Suite 600 Newport Beach, CA 92660

**BUILDING INFORMATION**

Construction Date:		Estimated:		Known:		Source:	
Architect:		Not determined:		Known:		Source:	
Builder:		Not determined:		Known:		Source:	

**Structural Condition** *(Describe the current structural condition of the property)*

Good <i>(well maintained, no serious problems apparent):</i>		Poor <i>(major problems; imminent threat):</i>	
Fair <i>(some problems apparent):</i>		Ruin/Uninhabitable:	
Describe:			

**USES/FUNCTION**

Current Use:	Vacant Land with a section of the Farley/Steele Ditch
Historic Use:	Probably Agricultural, corral for horses
Sources:	Farley Ditch Investigation Field Notes, Sharon Masek Lopez and David Tracy, 2 Aug. 2018; Field observations

**SIGNIFICANCE****A. Historic Events/Trends** *(Describe how the property is associated either with a significant historic event, or with a trend or pattern of events important to the history of the nation, the state, or a local community.)*

Until the 1950s, the Sedona area, including Red Rock, Oak Creek and Big Park, were predominately rural, with agriculture as the basis on the economy. In the 1950s and into the 1960s, much of the farming was gradually replaced as the pioneer farming generation passed away or left the area.

This parcel, as well as others on Schnebly Hill Road and Bear Wallow Lane, are within the incorporated limits of the City of Sedona. Sedona was incorporated in 1988. These parcels, which are adjacent to or near Oak Creek, were originally developed in Coconino County as agricultural land and had legal rights to water directly from Oak Creek. This parcel does not abut Oak Creek. Some remnants of the Farley/Steele Ditch remain on this parcel. The ditch is unlined and appears to have changed course over the decades.

**B. Person** *(Describe how the property is associated with the life of a person significant in the past.)*



## Sedona Historic Property Inventory Form

**C. Architecture** *(Describe how the property embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or possesses high artistic values.)*

N/A

Outbuildings: *(Describe any other buildings or structures on the property and whether they may be considered historic.)*

N/A

**INTEGRITY** *(To be eligible, a property must have integrity—it must be able to visually convey its importance.)*

### 1. Location

Original site:	Moved:	Date:	Original Site:
----------------	--------	-------	----------------

### 2. Design

*(Describe alterations from the original design, including dates—known or estimated—when alterations were made)*

### 3. Setting

*(Describe the natural and/or built environment around the property)*

Much of the area to be developed in the Schnebly Hill Road and Bear Wallow Lane area along Oak Creek are located in the floodway of Oak Creek. Indeed, this area has flooded numerous times and natural drainage areas are prevalent on much of the area. This parcel is populated by mostly native plants including Mesquite, Prickly Pear and Soap tree Yucca.

*Describe how the setting has changed since the property's period of significance:*

This parcel was a part of the historic Farley Homestead and was farmed by the Farleys and the Steeles. There was a horse corral on this parcel at one time and consequently, the Farley/Steele Ditch meanders away from Schnebly Hill Road on this parcel and becomes much wider and deeper than on the other parcels to the south. There is a walking path across the parcel which is available to the public.

### 4. Materials

*(Describe the materials used in the following elements of the property)*

Walls (structure):	None	Foundation:	None	Roof:	None
--------------------	------	-------------	------	-------	------

Wall Sheathing: None

*If the sheathing has been altered, what was it originally?*

Windows: None

*If the windows have been altered, what were they originally?*

### 5. Workmanship

*(Describe the distinctive elements, if any, of craftsmanship or method of construction)*

N/A

## Sedona Historic Property Inventory Form

### RECOMMENDATIONS OF ELIGIBILITY *(opinion of surveyor)*

Individually, the Property <u>is</u> eligible:		Individually, the Property <u>is not</u> eligible:	X
Property <u>is</u> eligible as a contributor to a potential historic district:		Property <u>is not</u> eligible as a contributor to a potential historic district:	
More information needed to evaluate:			

*If not considered eligible, state reason:*

Vacant Land. The only structure on the parcel is the remnants of the historic Farley/ Steele Ditch. See separate inventory form for the Farley/Steele Ditch.

### FORM COMPLETED BY:

Name:	Nancy Burgess Preservation Consulting P. O. Box 42 Prescott, AZ 86302-0042	Date:	July 24, 2022
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Landscape and Walking Trail, 175 Schnebly Hill Road,

Sedona Historic Property Inventory Form



Landscape, 195 Schnebly Hill Road

**Sedona Historic Property Inventory Form**

**PROPERTY INFORMATION**

Address:	Farley/Steele Ditch, Schnebly Hill Road	Survey Site #:	
Historic Name:		Zoning:	Oak Creek Heritage District
APN #:	401-18-002C, 401-18-001A, 401-18-031G, 401-11-001C and 401-12-0016C	Acres:	5.9 (portions)
County:	Coconino	Subdivision:	Hart's Village
Owner name:	115 Schnebly LLC R. D. Olson Development	Owner Address:	520 Newport Center Drive Suite 600 Newport Beach, CA 92660

**BUILDING INFORMATION**

Construction Date:	1908-1915	Estimated:	X	Known:		Source:	Farley Ditch Investigation Field Notes, Sharon Masek Lopez and David Tracy, 2 Aug. 2018; Field Observation
Architect:		Not determined:		Known:		Source:	
Builder:	Joe and Sarah Farley	Not determined:		Known:	X	Source:	Sedona Heritage Museum

**Structural Condition** *(Describe the current structural condition of the property)*

Good <i>(well maintained, no serious problems apparent):</i>		Poor <i>(major problems; imminent threat):</i>	X
Fair <i>(some problems apparent):</i>		Ruin/Uninhabitable:	

*Describe:* The Farley/Steele Ditch was hand dug in the early 20<sup>th</sup> century by Joe and Sarah Farley. It has not been in use since 1948 and therefore has not been maintained. Some remnants of the ditch are easily seen with some cement and rock lining, corrugated piping and other structural elements and pieces of pipe. Unlined sections of the ditch are clearly visible in many areas on the parcels which abut Schnebly Hill Road. Various sections of the ditch have disappeared in the landscaping or due to changes in the terrain or flood. Some headgate structures are still visible but require searching for them.

Once electricity came to the area in the 1940s, property owners along the ditch who had water rights were able to pump directly from Oak Creek, which made the ditch obsolete and it was abandoned.

**USES/FUNCTION**

Current Use:	Not in use, ruin
Historic Use:	Irrigation ditch
Sources:	Farley Ditch Investigation, Sharon Masek Lopez and David Tracy, 2 Aug. 2018; Field Observations; information from previous property owners

**SIGNIFICANCE**

**A. Historic Events/Trends** *(Describe how the property is associated either with a significant historic event, or with a trend or pattern of events important to the history of the nation, the state, or a local community.)*

Until the 1950s, the Sedona area, including Red Rock, Oak Creek and Big Park, were predominately rural, with agriculture as the basis of the economy. Irrigation ditches were the key to successful farming in the Sedona area. The Farleys filed for a homestead in 1908. Joe and Sarah Farley used picks and shovels to build ditches to bring Oak Creek water to their farm. The Farley Ditch extended far beyond the parcels which are the subject of this inventory. The Farley's Water Right Claim was filed June 7, 1910.

## Sedona Historic Property Inventory Form

By 1915, the Farley's had patented their homestead and they moved on to Texas. In 1924 Joe and Sarah Farley returned to their former homestead, purchased the land, built a house and started an orchard. They also grew corn and other staple crops. About a year later, their daughter Minnie and her husband William Steele, Jr. arrived. They split the land between Joe and Sarah Farley and Minnie and Will Steele. The Farleys kept the land on the west side of Oak Creek and the Steeles owned the land on the east side of the Oak Creek along Schnebly Hill Road, which was served by the Farley Ditch, which is also known as the Farley/Steele Ditch.

The land along both sides of Schnebly Hill Road, which was part of the original Farley Homestead, was farmed by Will Steele and his wife Minnie. The land was originally developed in Coconino County as agricultural land and had legal rights to water directly from Oak Creek. These parcels are now within the incorporated limits of the City of Sedona. Sedona was incorporated in 1988.

The five parcels which abut Schnebly Hill Road and Bear Wallow Road (one parcel) which are the subject of this Inventory are adjacent to or near Oak Creek and retain portions of the Farley/Steele Ditch. The diversion was destroyed by flood decades ago and the use of the ditch was discontinued in 1948.

The Steeles had a home and other buildings on parcel #401-11-001C (195 Schnebly Hill Road). The Steele family gradually sold various parcels of their part of the homestead. In the 1940s the family turned part of the land into a trailer park, which is now an RV park on Bear Wallow Lane. In the 1950s and into the 1960s, much of the farming was gradually replaced as the pioneer farming generation passed away or left the area and development took over. By the 1970s, fruit farming had pretty much disappeared from Sedona and the parcels which are the subject of this inventory were developed or abandoned.

### B. Person *(Describe how the property is associated with the life of a person significant in the past.)*

### C. Architecture *(Describe how the property embodies the distinctive characteristics of a type, period, or method of construction, or that represents the work of a master, or possesses high artistic values.)*

N/A

Outbuildings: *(Describe any other buildings or structures on the property and whether they may be considered historic.)*

N/A

**INTEGRITY** *(To be eligible, a property must have integrity-it must be able to visually convey its importance.)*

#### 1. Location

Original site:	X	Moved:		Date:		Original Site:	
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#### 2. Design

*(Describe alterations from the original design, including dates—known or estimated—when alterations were made)*

The Farley Ditch extended along Schnebly Hill Road, but it also extended to the north of Bear Wallow Canyon to provide water for the portion of the homestead that was retained by the Farleys. The Farley/Steele Ditch runs along the west side of Schnebly Hill Road until it meanders to the west when it reaches the vacant parcels to the north. Seventy-five years later, many sections of the Farley/Steele Ditch, although no longer functional, are still visible.

### Sedona Historic Property Inventory Form

Some portions of the section of the Farley/Steele Ditch along Schnebly Hill Road consist of a shallow, hand dug and unlined, gravity flow ditch. Portions also include corrugated metal piping, 4" steel piping and rock and cement lining. At one time the piping was elevated on log posts to maintain the gravity flow (greater head) and to cross the dry wash which cuts across parcel #401-18-001A (95 Schnebly Hill Road). In the area of parcel #401-11-001C (195 Schnebly Hill Road), the ditch is much wider and meanders to the west of the fairly straight line which borders Schnebly Hill Road to the south. This portion of the ditch was used to water horses which were corralled on this parcel. Various sections of the ditch have simply disappeared.

These are very important structures which help to tell the story of homesteading and irrigated farming on Schnebly Hill Road.

#### 3. Setting (Describe the natural and/or built environment around the property)

Parcels 401-18-001A (95 Schnebly Hill Road), 401-18-031G (105 Schnebly Hill Road, which provides access to 115 Schnebly Hill Road) and 401-18-031D (115 Schnebly Hill Road) are developed with residential buildings, outbuildings and introduced vegetation, including trees, shrubs, groundcovers and grass. Pathways and stone planters and steps, retaining walls, patios and paved areas are common. There are driveway bridge access to 95 and 105/115 Schnebly Hill Road. Overall, these parcels are well landscaped and have a mature tree canopy.

The vacant parcels 401-18-002C (65 Schnebly Hill Road has only a seep well and structure on Oak Creek), 401-11-001C (175 Schnebly Hill Road) and 401-11-001C (20 Bear Wallow Lane) have a few remaining fruit trees and introduced trees and shrubs but are dominated by Mesquite, Prickly Pear and Soap tree Yucca. Along Oak Creek, Arizona Sycamore and Fremont Cottonwood prevail.

*Describe how the setting has changed since the property's period of significance:*

The historic use of these parcels was farming, primarily fruit farming. Although a few of the fruit trees remain, particularly on parcel 401-18-031D (115 Schnebly Hill Road), most have died from age and lack of irrigation. The fruit trees included several varieties of plum, pear, apple and peach as well as other fruits. Introduced trees and shrubs, grass and groundcovers, which are irrigated from Oak Creek, predominate the developed parcels where the vacant parcels have returned to mostly native vegetation.

#### 4. Materials (Describe the materials used in the following elements of the property)

Walls (structure):	None	Foundation:	None	Roof:	None
Wall Sheathing:	None				
<i>If the sheathing has been altered, what was it originally?</i>					
Windows:	None				
<i>If the windows have been altered, what were they originally?</i>					

#### 5. Workmanship (Describe the distinctive elements, if any, of craftsmanship or method of construction)

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#### RECOMMENDATIONS OF ELIGIBILITY (opinion of surveyor)

Individually, the Property <u>is</u> eligible:		Individually, the Property <u>is not</u> eligible:	
Property <u>is</u> eligible as a contributor to a potential historic district:		Property <u>is not</u> eligible as a contributor to a potential historic district:	
More information needed to evaluate:	X*		

### Sedona Historic Property Inventory Form

*If not considered eligible, state reason:*

\* These are very important structures which help to tell the story of homesteading and irrigated farming on Schnebly Hill Road. The existing sections of the Farley/Steele Ditch should be retained and interpreted wherever possible, particularly to illustrate the various construction methods used to move the water along the Farley/Steel Ditch.

**FORM COMPLETED BY:**

Name:	Nancy Burgess Preservation Consulting P. O. Box 42 Prescott, AZ 86302-0042	Date:	July 24, 2022
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Dry Wash and Piping for Farley/Steele Ditch, 95 Schnebly Hill Road





Cement Lined Section of the Farley/Steele Ditch, 105 Schnebly Hill Road



Support Post and Section of Raised Pipe, 105 Schnebly Hill Road



Rock Lined Section of Farley/Steele Ditch, 105 Schnebly Hill Road

Sedona Historic Property Inventory Form



Walking Trail and Section of Farley/Steele Ditch, 195 Schnebly Hill Road



Corrugated Pipe Used for Farley/Steele Ditch (removed and stored at 115 Schnebly Hill Road)

11/15/2021

11/15/2021

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11/15/2021 11:15 AM

## David Nicolella

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**From:** TMathe@uesaz.com  
**Sent:** Thursday, February 11, 2021 9:42 AM  
**To:** David Nicolella  
**Subject:** FW: Unisource "Will Serve Letter" Contact Status  
**Attachments:** Schnebly Hill Rd. Gas.PDF

David,

My name is Taylor Mathe, I am the planner for the Verde Valley District. I looked over your parcels regarding your new resort off Schnebly Hill Rd. and currently we do have a few vacant risers on your parcels. There is a main currently on Schnebly Hill Rd and Bear Wallow that can serve your parcels, except for 401-11-002F and 401-18-031B those will need a main extension or you will have to pipe out to Schnebly. There is a cost for new services if you don't use any of the existing risers and a cost for any mainline extensions. In order to give you any estimate we will need meter locations and BTU loads.

Any questions feel free to contact me, my numbers are below.

Thank you.

### Taylor Mathe

Planner- Verde District  
500 S Willard Street  
Cottonwood, AZ 86326  
Office: 928-203-1214  
Cell: 928-300-2728  
[tmathe@uesaz.com](mailto:tmathe@uesaz.com)

---

**From:** Fanning, Monette <MFanning@uesaz.com>  
**Sent:** Wednesday, February 10, 2021 3:51 PM  
**To:** Mathe, Taylor <TMathe@uesaz.com>  
**Subject:** FW: Unisource "Will Serve Letter" Contact Status

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**From:** David Nicolella <[DN@sefengco.com](mailto:DN@sefengco.com)>  
**Sent:** Wednesday, February 10, 2021 3:38 PM  
**To:** Fanning, Monette <[MFanning@uesaz.com](mailto:MFanning@uesaz.com)>; Hector Riojas <[hriojas@uesaz.com](mailto:hriojas@uesaz.com)>; Irene Freeman <[IFreeman@uesaz.com](mailto:IFreeman@uesaz.com)>  
**Subject:** [EXTERNAL E-Mail]FW: Unisource "Will Serve Letter" Contact Status

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\*\*\* UNS WARNING - EXTERNAL EMAIL \*\*\*

Do NOT open attachments or click links that you are not expecting.



Ballston Energy Services  
Case 030604  
Not to be Used for Locating Pipelines  
Phase 1 of Map 0004





1250 E. State Route 89A  
Cottonwood, AZ 86326

Feb 8, 2020

Sefton Engineering Consultants,

Address: West side of Schnebly Hill Rd

- 401-11-001C
- 401-11-002F
- 401-12-016C
- 401-18-001A
- 401-18-031B
- 401-18-002C
- 401-18-031G
- 401-18-031D

The above referenced project is located in Arizona Public Service Company's electric service area. As a matter of fact, this property is already being served by APS. The Company extends its lines in accordance with the "Conditions Governing Extensions of Electric Distribution Lines and Services," Schedule 3, and the "Terms and Conditions for the Sale of Electric Service," Schedule 1, on file with the Arizona Corporation Commission at the time we begin installation of the electric facilities. These Schedules are available on-line at [aps.com](http://aps.com).

Application for the Company's electric service often involves construction of new facilities for various distances and costs depending upon customer's location, load size and load characteristics. With such variations, it is necessary to establish conditions under which Arizona Public Service will extend its facilities.

Sincerely,

Patty G

Verde Control Desk  
928 646 8502  
[Verdecontroldesk@apsc.com](mailto:Verdecontroldesk@apsc.com)

Our Purpose: As Arizona stewards, we do what is right for the people and prosperity of our state.

Our Vision: Create a sustainable energy future for Arizona.

Our Mission: Serve our customers with clean, reliable and affordable energy.

# ARIZONA WATER COMPANY

1001 N. BUCKLEBOURNE BOULEVARD, PHOENIX, ARIZONA 85016 • P.O. BOX 3000, PHOENIX, ARIZONA 85001  
PHOENIX WATER PLANT, 1400 N. BUCKLEBOURNE BOULEVARD, PHOENIX, ARIZONA 85016 • WWW.AWC.COM

March 10, 2011

Laura Sotelo, P.E.  
Senior Engineering Geologist  
40 Stone Canyon Dr.  
Scottsdale, AZ 85254

Re: Domestic Water Service to Milligan Avenue, CR 15 and October 2012

Dear Ms. Sotelo:

Arizona Water Company (the "Company") certifies that the above-described property is located within its Certificate of Commitment and Necessity to Section 10, Article 10, and that it will provide water service to the property in accordance with the Company's tariffs and the Arizona Department of Commerce's rules and regulations. It will be the responsibility of the developer to provide the funds to install the water service facilities, and the Company retains no liability to supply those facilities if the funds are not advanced by the developer.

The design of the water distribution system must comply with the Company's standard specifications that are on file at the Arizona Department of Environmental Quality. Such specifications and final water system design must be approved by the Company.

It will also be the responsibility of the developer to meet all the requirements of regulatory agencies having jurisdiction over Arizona subdivisions and of Arizona service agencies as mandated or established law, including but not limited to, requirements relating to a Certificate of Approval Water Supply, as set forth in the Arizona Condominium Management Act, A.R.S. §10-378.

Very truly yours,

Andrew J. Hill, P.E.  
Vice President - Engineering  
ajhill@awc.com

1/1

\*\*\*\*\*

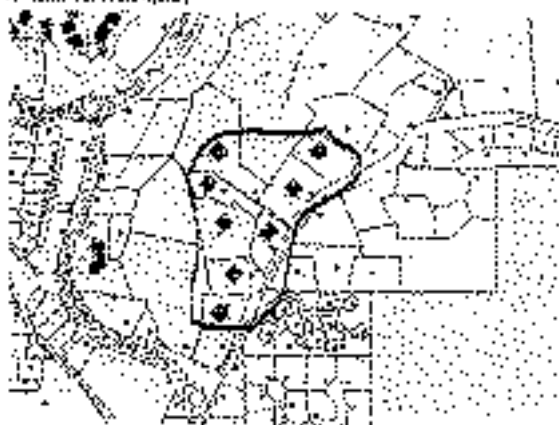


# Section

Your ideas to help improve  
the way we do business

Section  
Customer Service

Call 1-800-333-3333  
or 1-800-333-3333  
or 1-800-333-3333  
or 1-800-333-3333



Section

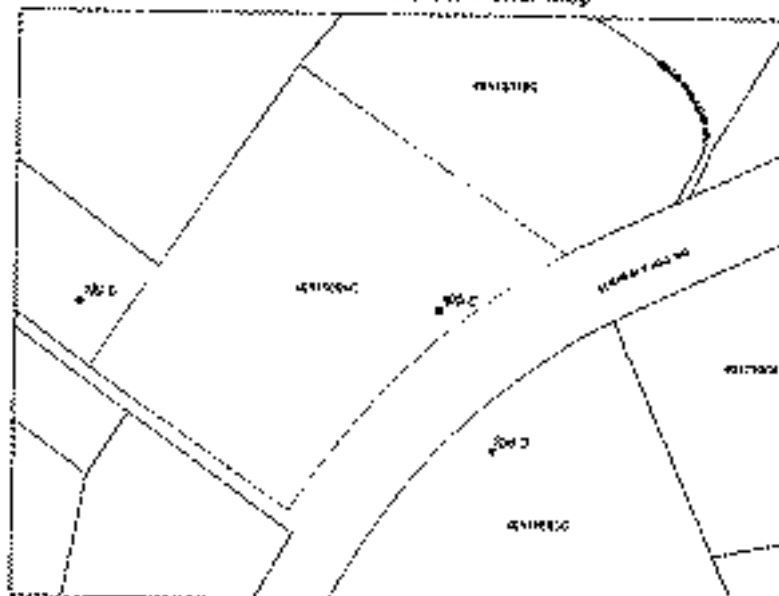
*Bill Clinton*

Bill Clinton, 44th President






The 1992-1996 Campaign for President of the United States

© 1992-1996 Bill Clinton for President  
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# Parcel Viewer Map



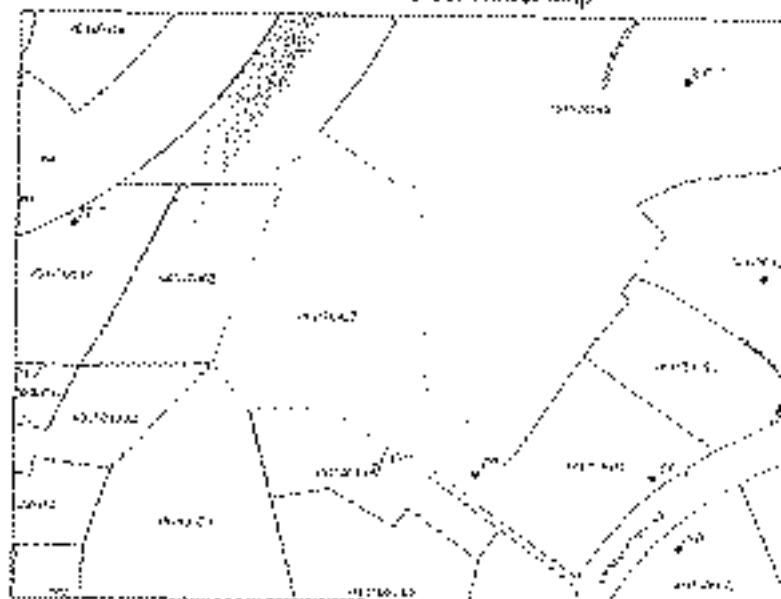
01/19/2014 10:28 AM

-  County Boundary
-  General Utility Right-of-Way Overlay
-  Municipal Boundary
-  Fireline
-  Priority

0 0.5  
1 1.0

Scale: 1:1000

# Parcel Viewer Map

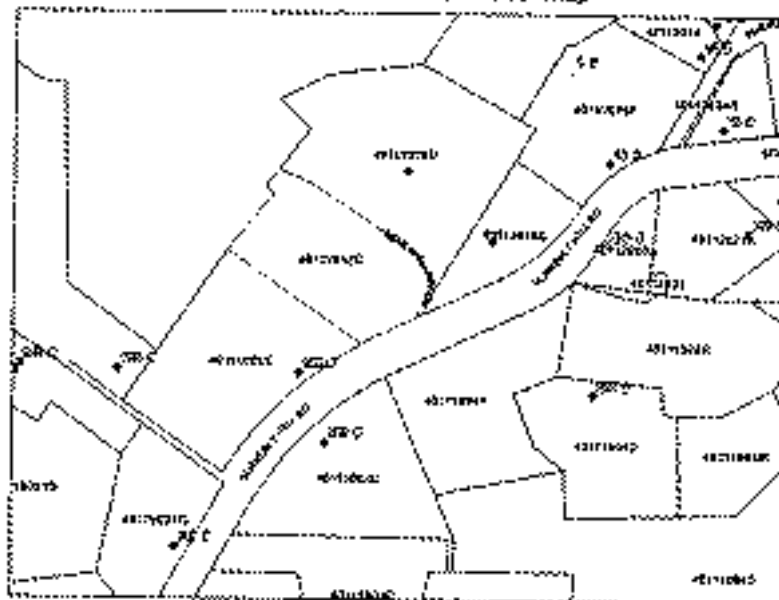


202001 202002

- |                 |                 |                 |
|-----------------|-----------------|-----------------|
| Parcel Boundary | Parcel Boundary | Parcel Boundary |
| Parcel Boundary | Parcel Boundary | Parcel Boundary |

202001 202002

# Parcel Viewer Map



2/15/2021, 2:44:18 PM

County Boundary

Parcel

Tax District

2021

Tax Parcel Boundary

Parcel

Address Point

2020

Census County Block

Summary

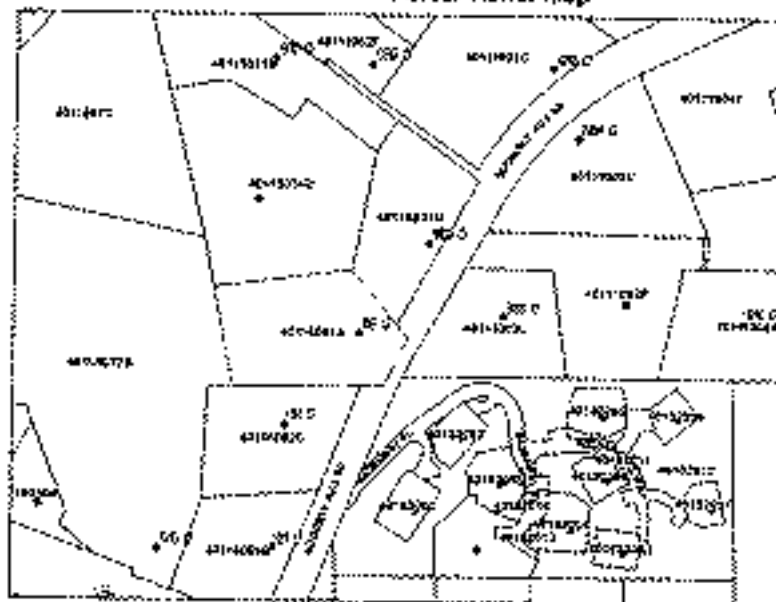
2019

2018








Map Information



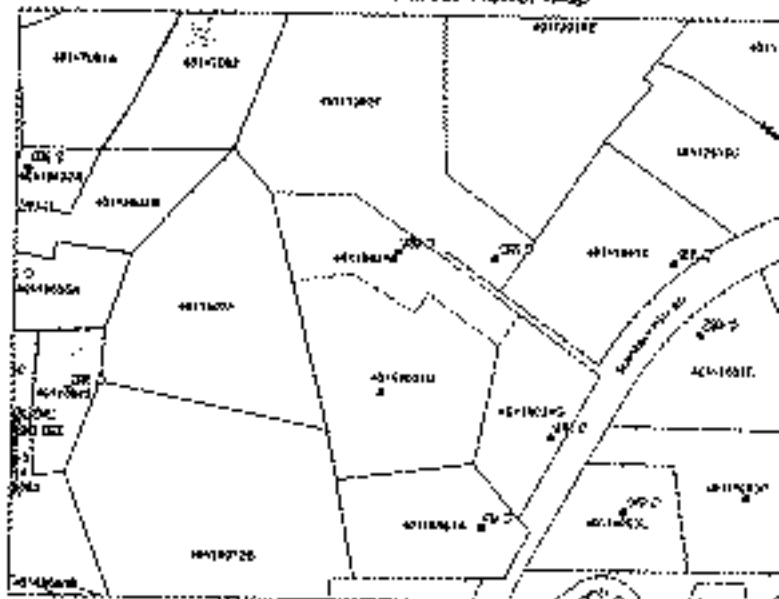
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




2010/02/24 10:47:19M

-  Parcel Boundary
-  Property Line (Through Land Through)
-  Airspace Reservation
-  Address
-  Property
-  National Forest
-  Point

# Parcel Viewer Map



2014/02/15 10:53:54

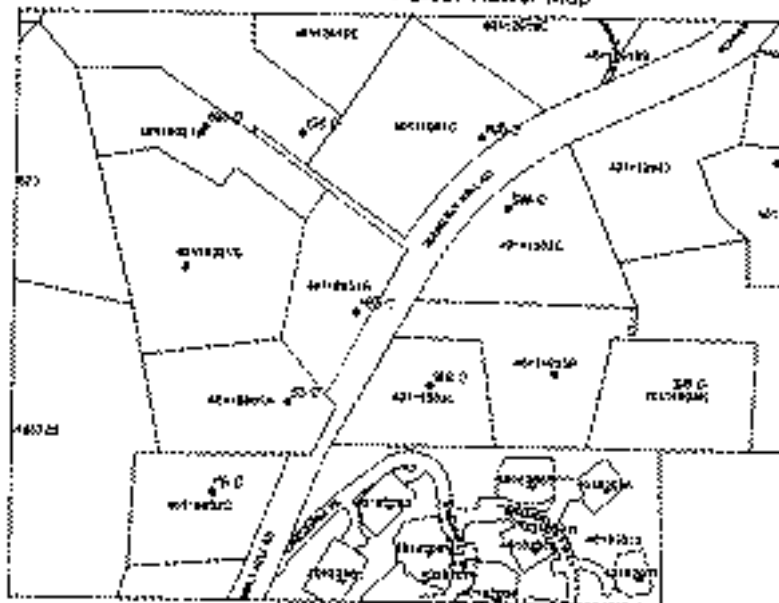
-  County Boundary
-  Ohio Co. County/Local Government
-  Address Boundary
-  Property
-  Roadway
-  Pole

0 200  
0 1000

01/15/2014 10:53:54



# Parcel Viewer Map



Scale: 1:10000

County Boundary
  Municipal Boundary
  Other Boundary

Active Parcel
  Native Forest

★ Active

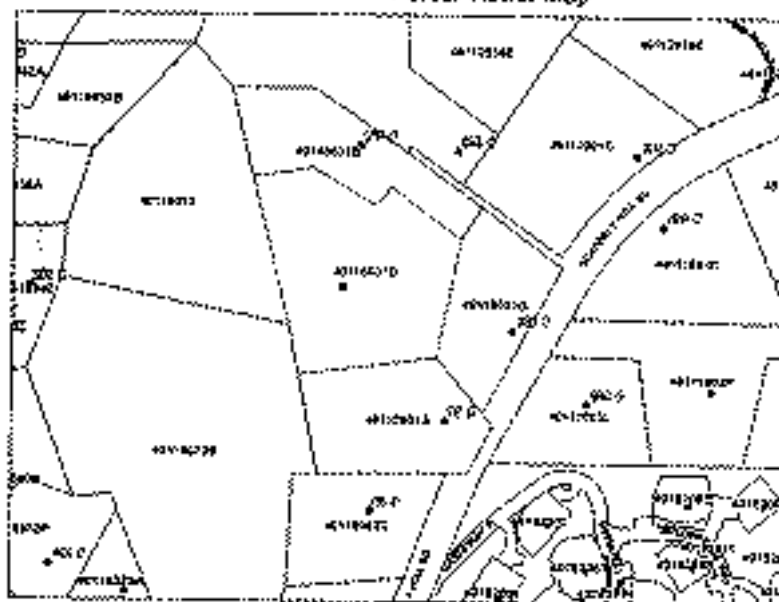
Other

Page 1 of 1

Page 1 of 1

Page 1 of 1

# Parcel Viewer Map



Parcel Viewer Map

Parcel Boundary

Planning County Roads and Intersect

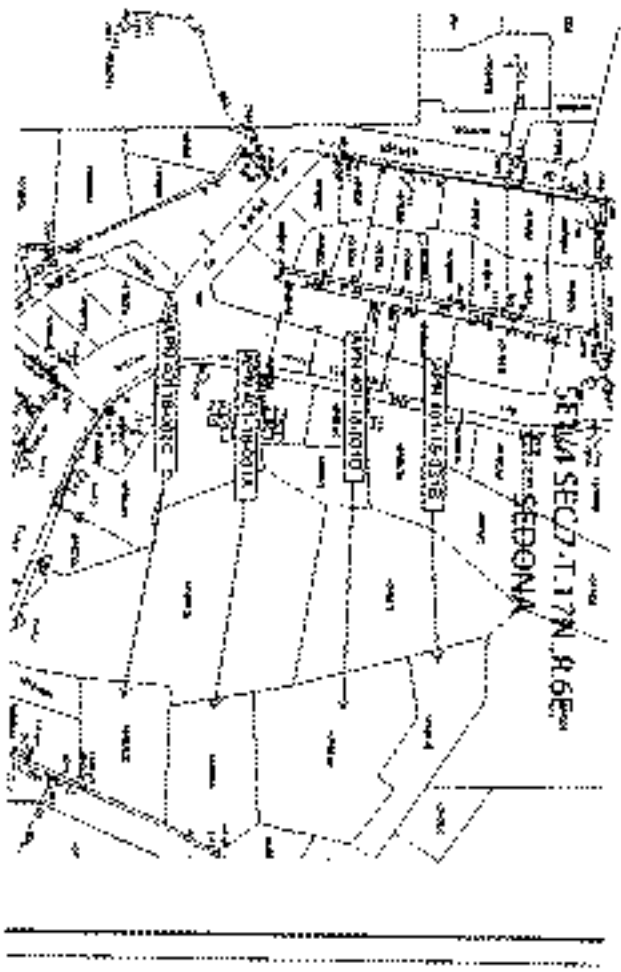
Address

Home For Sale

Address

Home

Map Data



SEDM SEC. 17N. R. 6E

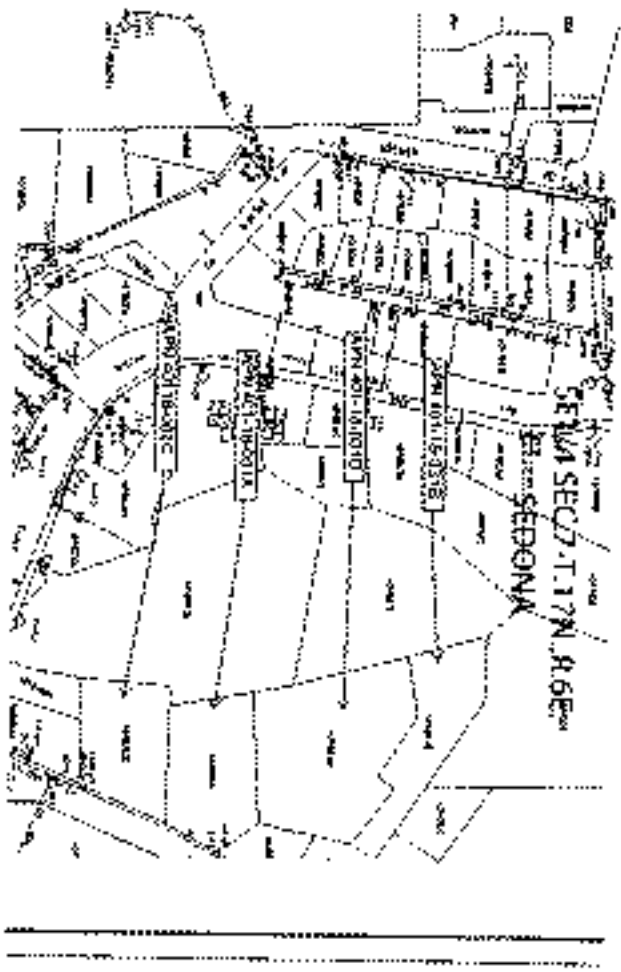
RIZON SEDONA

APN 011-15-038

APN 011-10-010

APN 011-10-011

APN 011-10-012











CenturyLink Engineering  
135 W. Orion St. 1<sup>st</sup> Floor  
Tempe, AZ 85283  
BICS@Centurylink.com

February 22, 2021

Mr. David Nicolella  
Sefton Engineering Consultants  
40 Stutz Bearcat Drive  
Sedona, AZ 86336

RE: Sedona Oak Creek Resort

Mr. Nicolella,

The above mentioned project is located in a parcel of land located in Section 8, Township 17N and Range 6E in Yavapai County.

In response to your "Service Availability" request for the above mentioned development located at the west side of Schnebly Hill Road north of SR179 in Sedona, Arizona, this letter is to acknowledge that this subject property is within CenturyLink serving territory.

The tariff Rates and Regulations prescribed for service for this area are on file with your State Utilities Commission, and may be examined at your local CenturyLink Business Office.

Sincerely,

*Kathy Hadrich*

*Kathy Hadrich*  
*Sr. Manager Local Network Implementation*  
*5025 N. Black Canyon Hwy*  
*Phoenix, AZ 85015*  
*602-630-5480*  
[kathrine.hadrich@centurylink.com](mailto:kathrine.hadrich@centurylink.com)

## David Nicolella

---

**From:** Marsha Beckwith <MBeckwith@sedonaaz.gov>  
**Sent:** Monday, February 1, 2021 10:32 AM  
**To:** David Nicolella  
**Subject:** Re: "Will Serve Letters: from the City of Sedona Wastewater Department"

Hi David,

I hope the email will be acceptable.

You had requested serviceability for the following parcels:

401-11-001C	401-18-031B
401-11-002F	401-18-002C
401-12-016C	401-18-031G
401-18-001A	401-18-031D

Yes, all the properties are either lots with standby fees or they are already connected to the City sewer.

If you have any questions, please let me know.

Thank you



Marsha Beckwith  
Account Technician I

Finance Dept.  
102 Roadrunner Dr.  
Sedona, AZ 86336  
mbeckwith@sedonaaz.gov  
(928) 204-7185

*City business hours are Mon-Thur 7 a.m. - 6p.m  
Public safety 24/7*

---

**From:** David Nicolella <DN@sefengco.com>  
**Sent:** Friday, January 29, 2021 10:17 AM  
**To:** Mike Atwater <Matwater@sedonaaz.gov>  
**Cc:** Wastewater Billing <WastewaterBilling@sedonaaz.gov>  
**Subject:** "Will Serve Letters: from the City of Sedona Wastewater Department"

Good Morning Mike,

I am trying to update Sefton Engineering Consultants contact information for "Will serve Letters". At the present time we send letters, via snail mail, to: City of Sedona – Finance - 102 Road Runner Dr. Sedona, Az 86336. (see attached)

Is that the best contact? Can you let me know if there is the better contact and if I can use email instead of snail mail?



# Taylor Waste

P.O. Box 5211 • Cottonwood, AZ 86328 • (928) 646-2862 • Phoenix Valley, AZ • (800) 778-8401 • [www.taylorwaste.com](http://www.taylorwaste.com)

01/22/2017

Schiff Engineering Consultants  
40 Main Avenue E  
Tulsa, AZ 86734

Re: Schiff Engineering

Re: Parcel - 401-15-0015, 401-15-0022, 401-15-0104, 401-15-0114,  
401-15-0118, 401-15-0122, 401-15-0124, 401-15-0128 in the City of  
Tulsa, Arizona

Thank you for requesting a letter of non-compliance from Taylor Waste, Inc.

Taylor Waste can provide waste service for the above parcels on the west side  
of Schuaddy III Rd and 110' east north of the State Route 179 roadshow. Taylor Waste,  
Inc. already services Customers on Schuaddy III Rd and State Route 179.

Please call our office at (928) 646-2862 if you have any further questions.

Chris Taylor  
District President

## **Appendix B**

### **NOAA Atlas 14 Results**

---

**40 Stutz Bearcat Dr., Sedona, Arizona 86336 -Phone: (928) 202-3999**  
**Email: [info@sefengco.com](mailto:info@sefengco.com) - [www.SeftonEngineeringCompany.com](http://www.SeftonEngineeringCompany.com)**

*In affiliation with:*

**Heritage Land Surveying & Mapping, Inc. with office in Sedona, Camp Verde & Colorado**



NOAA Atlas 14, Volume 1, Version 5  
 Location name: Sedona, Arizona, USA\*  
 Latitude: 34.8667°, Longitude: -111.7667°  
 Elevation: 4252.24 ft\*\*

\* source: ESRI Maps  
 \*\* source: USGS



## POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Trypalko, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

[PF tabular](#) | [PF graphical](#) | [Maps & aeriels](#)

## PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches/hour) <sup>1</sup>										
Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	2.54 (2.12-3.05)	3.29 (2.72-3.92)	4.42 (3.66-5.29)	5.36 (4.46-6.42)	6.72 (5.53-7.99)	7.85 (6.42-9.34)	9.06 (7.36-10.8)	10.4 (8.30-12.4)	12.3 (9.65-14.8)	13.9 (10.8-16.8)
10-min	1.94 (1.61-2.32)	2.50 (2.08-2.99)	3.36 (2.78-4.02)	4.09 (3.39-4.88)	5.11 (4.21-6.08)	5.97 (4.88-7.11)	6.90 (5.60-8.21)	7.89 (6.32-9.41)	9.35 (7.34-11.2)	10.6 (8.20-12.8)
15-min	1.60 (1.34-1.92)	2.07 (1.72-2.47)	2.78 (2.30-3.32)	3.38 (2.80-4.04)	4.22 (3.48-5.03)	4.94 (4.04-5.88)	5.70 (4.62-6.79)	6.52 (5.22-7.78)	7.73 (6.07-9.28)	8.73 (6.78-10.6)
30-min	1.08 (0.900-1.29)	1.39 (1.16-1.66)	1.87 (1.55-2.24)	2.27 (1.89-2.72)	2.84 (2.34-3.38)	3.32 (2.72-3.95)	3.84 (3.15-4.57)	4.39 (3.51-5.24)	5.20 (4.09-6.25)	5.88 (4.56-7.11)
60-min	0.668 (0.556-0.799)	0.862 (0.715-1.03)	1.16 (0.959-1.39)	1.41 (1.17-1.68)	1.76 (1.45-2.09)	2.06 (1.68-2.45)	2.38 (1.93-2.83)	2.72 (2.17-3.24)	3.22 (2.53-3.87)	3.64 (2.82-4.40)
2-hr	0.396 (0.344-0.462)	0.500 (0.430-0.585)	0.660 (0.569-0.770)	0.796 (0.680-0.928)	0.990 (0.842-1.15)	1.15 (0.966-1.34)	1.33 (1.11-1.55)	1.52 (1.25-1.77)	1.80 (1.46-2.11)	2.04 (1.61-2.38)
3-hr	0.283 (0.249-0.328)	0.358 (0.316-0.416)	0.458 (0.401-0.530)	0.546 (0.476-0.631)	0.670 (0.579-0.775)	0.777 (0.667-0.896)	0.895 (0.757-1.04)	1.02 (0.854-1.19)	1.21 (0.994-1.41)	1.37 (1.10-1.61)
6-hr	0.173 (0.155-0.192)	0.215 (0.193-0.239)	0.267 (0.238-0.296)	0.313 (0.279-0.347)	0.378 (0.336-0.421)	0.431 (0.380-0.479)	0.490 (0.427-0.546)	0.551 (0.474-0.617)	0.641 (0.544-0.724)	0.714 (0.596-0.812)
12-hr	0.111 (0.100-0.123)	0.137 (0.124-0.151)	0.167 (0.150-0.184)	0.192 (0.172-0.211)	0.226 (0.203-0.249)	0.253 (0.225-0.278)	0.281 (0.247-0.309)	0.308 (0.270-0.341)	0.347 (0.300-0.387)	0.379 (0.324-0.424)
24-hr	0.071 (0.064-0.077)	0.088 (0.080-0.097)	0.109 (0.100-0.121)	0.127 (0.115-0.140)	0.151 (0.136-0.167)	0.170 (0.153-0.187)	0.189 (0.169-0.209)	0.209 (0.187-0.231)	0.237 (0.209-0.263)	0.259 (0.226-0.288)
2-day	0.041 (0.038-0.046)	0.052 (0.047-0.057)	0.064 (0.059-0.071)	0.074 (0.068-0.082)	0.089 (0.080-0.097)	0.100 (0.090-0.110)	0.111 (0.100-0.122)	0.123 (0.109-0.136)	0.139 (0.123-0.154)	0.152 (0.133-0.169)
3-day	0.030 (0.027-0.033)	0.037 (0.034-0.041)	0.046 (0.042-0.051)	0.054 (0.049-0.059)	0.064 (0.058-0.071)	0.073 (0.065-0.080)	0.081 (0.073-0.089)	0.090 (0.080-0.099)	0.103 (0.091-0.114)	0.113 (0.098-0.125)
4-day	0.024 (0.022-0.026)	0.030 (0.027-0.033)	0.037 (0.034-0.041)	0.043 (0.040-0.048)	0.052 (0.047-0.057)	0.059 (0.053-0.065)	0.066 (0.059-0.073)	0.074 (0.066-0.081)	0.085 (0.074-0.094)	0.093 (0.081-0.103)
7-day	0.016 (0.015-0.018)	0.020 (0.018-0.022)	0.025 (0.023-0.027)	0.029 (0.026-0.031)	0.034 (0.031-0.037)	0.039 (0.035-0.042)	0.043 (0.039-0.048)	0.048 (0.043-0.053)	0.055 (0.049-0.060)	0.060 (0.053-0.066)
10-day	0.013 (0.012-0.014)	0.016 (0.015-0.017)	0.020 (0.018-0.022)	0.023 (0.021-0.025)	0.026 (0.024-0.029)	0.030 (0.027-0.032)	0.033 (0.029-0.036)	0.036 (0.032-0.039)	0.040 (0.036-0.044)	0.043 (0.038-0.048)
20-day	0.008 (0.008-0.009)	0.010 (0.009-0.011)	0.011 (0.011-0.014)	0.014 (0.013-0.015)	0.016 (0.015-0.018)	0.018 (0.016-0.019)	0.019 (0.018-0.021)	0.021 (0.019-0.023)	0.023 (0.021-0.025)	0.024 (0.022-0.027)
30-day	0.008 (0.006-0.007)	0.008 (0.008-0.009)	0.010 (0.009-0.011)	0.011 (0.010-0.012)	0.013 (0.012-0.014)	0.014 (0.013-0.015)	0.014 (0.014-0.017)	0.016 (0.015-0.018)	0.018 (0.016-0.019)	0.019 (0.017-0.021)
45-day	0.005 (0.005-0.006)	0.006 (0.006-0.007)	0.008 (0.007-0.009)	0.009 (0.008-0.010)	0.010 (0.009-0.011)	0.011 (0.010-0.012)	0.012 (0.011-0.013)	0.013 (0.012-0.014)	0.014 (0.013-0.016)	0.015 (0.014-0.017)
60-day	0.005 (0.004-0.005)	0.006 (0.005-0.006)	0.007 (0.006-0.007)	0.008 (0.007-0.008)	0.009 (0.008-0.010)	0.010 (0.009-0.010)	0.010 (0.009-0.011)	0.011 (0.010-0.012)	0.012 (0.011-0.013)	0.012 (0.011-0.014)

<sup>1</sup> Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

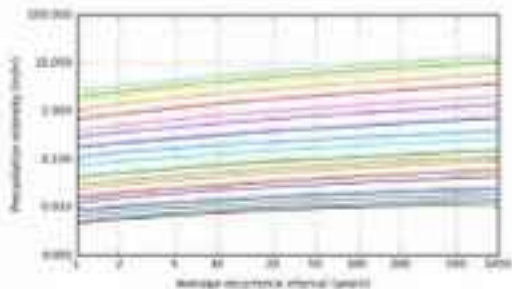
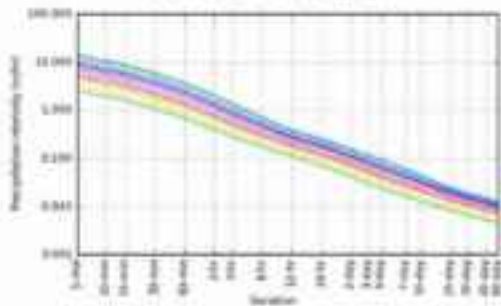
Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

Please refer to NOAA Atlas 14 document for more information.

[Back to Top](#)

## PF graphical

PDS Station Intensity duration Frequency (IDF) curves  
 Station: 34.8667, Longitude: -111.7667



WMA-034C-5A (Source: 1, Series: 1)

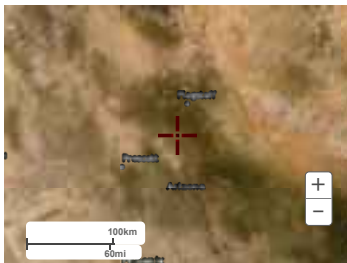
Created (GMT) Friday, 7 17 44 34 2022

[Back to Top](#)

## Maps & aeriels

Small scale terrain

**Large scale terrain****Large scale map****Large scale aerial**



[Back to Top](#)

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[US Department of Commerce](#)  
[National Oceanic and Atmospheric Administration](#)  
[National Weather Service](#)  
[National Water Center](#)  
1325 East West Highway  
Silver Spring, MD 20910  
Questions?: [HDSC.Questions@noaa.gov](mailto:HDSC.Questions@noaa.gov)

[Disclaimer](#)



## **Appendix C**

### **ADOT Highway Drainage Design Manual - Hydrology**

---

**40 Stutz Bearcat Dr., Sedona, Arizona 86336 -Phone: (928) 202-3999**

**Email: [info@sefengco.com](mailto:info@sefengco.com) - [www.SeftonEngineeringCompany.com](http://www.SeftonEngineeringCompany.com)**

*In affiliation with:*

**Heritage Land Surveying & Mapping, Inc. with office in Sedona, Camp Verde & Colorado**

# ARIZONA DEPARTMENT OF TRANSPORTATION

## Highway Drainage Design Manual



Volume 2

Hydrology

Second Edition, 2014



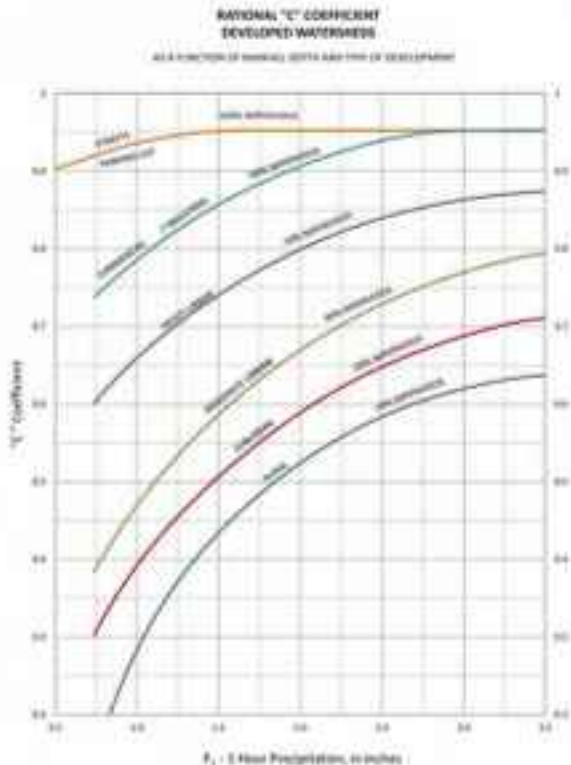


Figure 2-1 Rational "C" Coefficient – Developed Watersheds

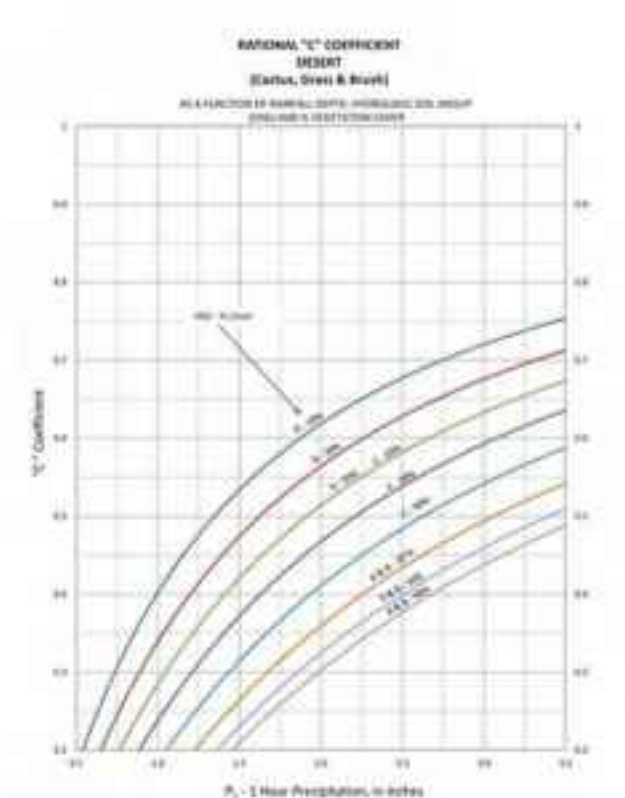
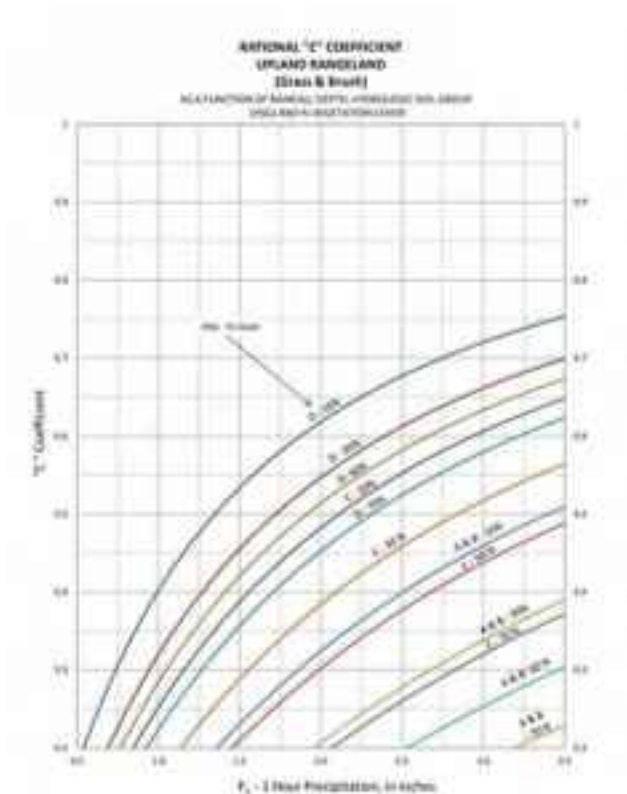


Figure 2-2 Rational "C" Coefficient - Desert



**Figure 2-3 Rational "C" Coefficient – Upland Rangeland**

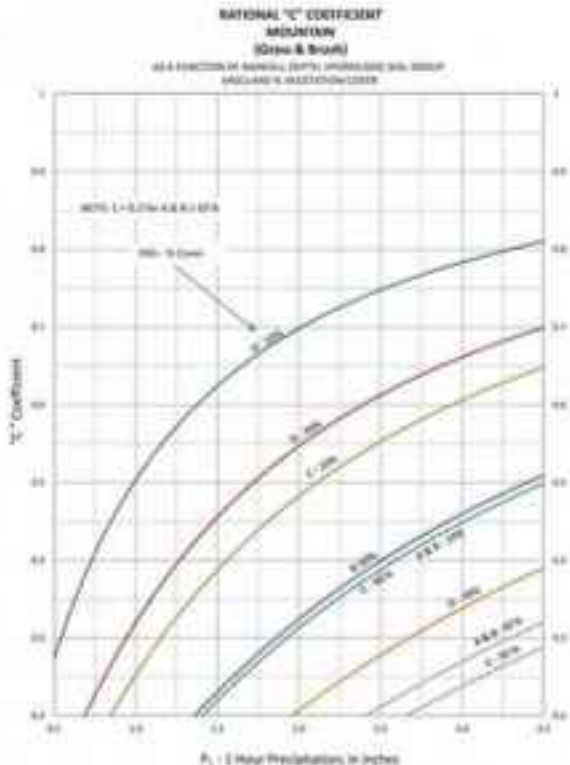


Figure 2-4 Rational "C" Coefficient – Mountain (Grass & Brush)

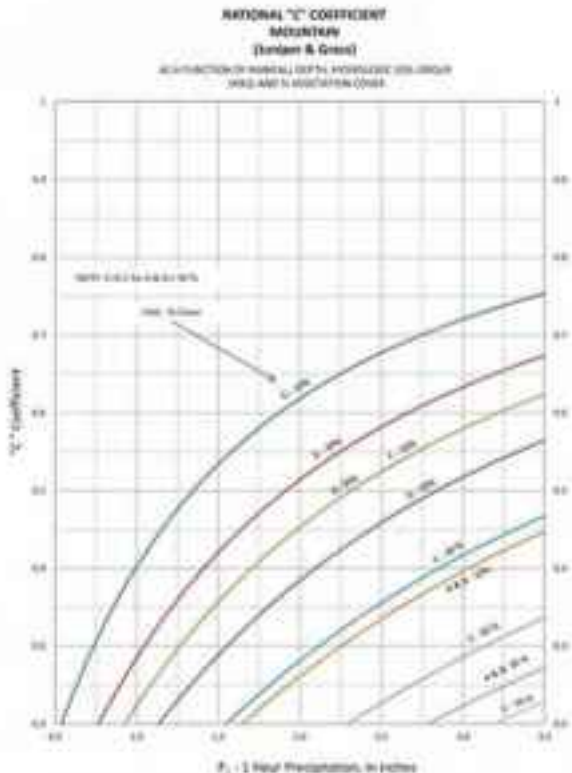


Figure 2-5 Rational "C" Coefficient – Mountain (Juniper & Grass)

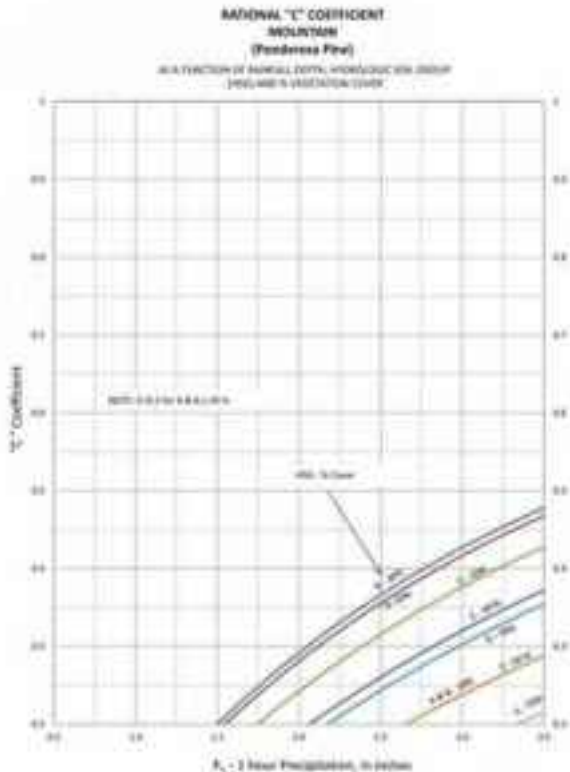


Figure 2-6 Rational "C" Coefficient – Mountain (Ponderosa Pine)



## **Appendix D**

### Hydrologic Model Data and Results

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40 Stutz Bearcat Dr., Sedona, Arizona 86336 -Phone: (928) 202-3999  
Email: [info@sefengco.com](mailto:info@sefengco.com) - [www.SeftonEngineeringCompany.com](http://www.SeftonEngineeringCompany.com)

*In affiliation with:*

Heritage Land Surveying & Mapping, Inc. with office in Sedona, Camp Verde & Colorado

# Hydraflow Table of Contents

Y:\201106\_RDO\Documents\Drainage\Hydrologic Model\Oak Creek Resort.gpw

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2023

Friday, 10 / 7 / 2022

<b>Watershed Model Schematic.....</b>	<b>1</b>
<b>Hydrograph Return Period Recap.....</b>	<b>2</b>
<b>100 - Year</b>	
<b>Summary Report.....</b>	<b>3</b>
<b>Hydrograph Reports.....</b>	<b>4</b>
Hydrograph No. 1, Rational, Pre Development.....	4
Hydrograph No. 2, Rational, Post Development.....	5
Hydrograph No. 3, Reservoir, Detention Basin.....	6
Pond Report - 1P_BASIN.....	7
<b>IDF Report.....</b>	<b>8</b>

# Watershed Model Schematic

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2023



## Legend

<u>Hyd.</u>	<u>Origin</u>	<u>Description</u>
1	Rational	Pre Development
2	Rational	Post Development
3	Reservoir	Detention Basin

# Hydrograph Return Period Recap

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2023

Hyd. No.	Hydrograph type (origin)	Inflow hyd(s)	Peak Outflow (cfs)								Hydrograph Description
			1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr	
1	Rational	-----	-----	17.30	-----	23.34	28.36	35.26	41.18	47.64	Pre Development
2	Rational	-----	-----	23.69	-----	31.97	38.83	48.29	56.40	65.24	Post Development
3	Reservoir	2	-----	3.039	-----	7.602	11.31	15.62	18.76	20.96	Detention Basin

# Hydrograph Summary Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2023

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	Rational	47.64	1	10	28,583	----	----	----	Pre Development
2	Rational	65.24	1	10	39,146	----	----	----	Post Development
3	Reservoir	20.96	1	17	30,616	2	4212.96	28,769	Detention Basin
Y:\201106_RDO\Documents\Drainage\Hydrology\Remedial\Detention Basins						Friday, 10 / 7 / 2022			

# Hydrograph Report

## Hyd. No. 1

Pre Development

Hydrograph type	= Rational	Peak discharge	= 47.64 cfs
Storm frequency	= 100 yrs	Time to peak	= 10 min
Time interval	= 1 min	Hyd. volume	= 28,583 cuft
Drainage area	= 12.400 ac	Runoff coeff.	= 0.46*
Intensity	= 8.352 in/hr	Tc by User	= 10.00 min
IDF Curve	= Sedona.IDF	Asc/Rec limb fact	= 1/1

\* Composite (Area/C) = [(2.500 x 0.67) + (5.200 x 0.35) + (4.700 x 0.48)] / 12.400



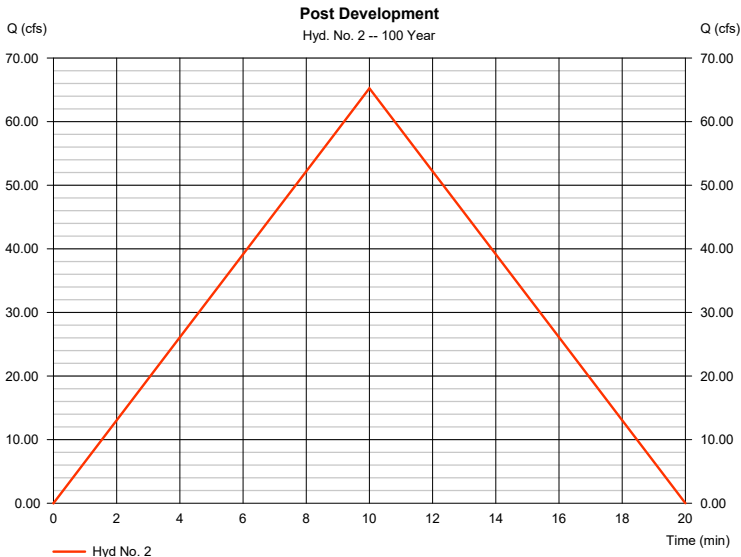
# Hydrograph Report

## Hyd. No. 2

### Post Development

Hydrograph type	= Rational	Peak discharge	= 65.24 cfs
Storm frequency	= 100 yrs	Time to peak	= 10 min
Time interval	= 1 min	Hyd. volume	= 39,146 cuft
Drainage area	= 12.400 ac	Runoff coeff.	= 0.63*
Intensity	= 8.352 in/hr	Tc by User	= 10.00 min
IDF Curve	= Sedona.IDF	Asc/Rec limb fact	= 1/1

\* Composite (Area/C) = [(5.400 x 0.95) + (5.200 x 0.35) + (1.800 x 0.48)] / 12.400



# Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2023

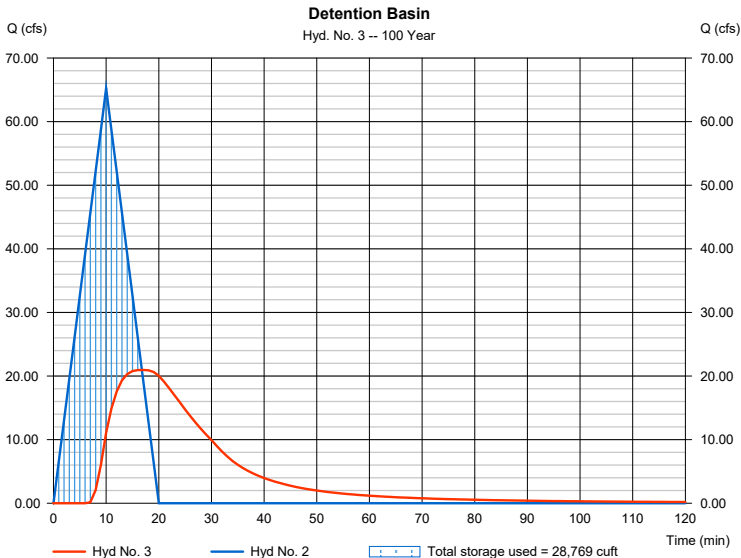
Friday, 10 / 7 / 2022

## Hyd. No. 3

Detention Basin

Hydrograph type	= Reservoir	Peak discharge	= 20.96 cfs
Storm frequency	= 100 yrs	Time to peak	= 17 min
Time interval	= 1 min	Hyd. volume	= 30,616 cuft
Inflow hyd. No.	= 2 - Post Development	Max. Elevation	= 4212.96 ft
Reservoir name	= 1P_BASIN	Max. Storage	= 28,769 cuft

Storage Indication method used.







# Hydraflow Rainfall Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® by Autodesk, Inc. v2023

Friday, 10 / 7 / 2022

Return Period (Yrs)	Intensity-Duration-Frequency Equation Coefficients (FHA)			
	B	D	E	(N/A)
1	0.0000	0.0000	0.0000	-----
2	35.2774	8.9000	0.8349	-----
3	0.0000	0.0000	0.0000	-----
5	47.5769	8.9000	0.8347	-----
10	62.0200	9.4000	0.8511	-----
25	75.2631	9.2000	0.8458	-----
50	84.1418	8.9000	0.8355	-----
100	99.9767	9.1000	0.8416	-----

File name: Sedona.IDF

$$\text{Intensity} = B / (Tc + D)^E$$

Return Period (Yrs)	Intensity Values (in/hr)											
	5 min	10	15	20	25	30	35	40	45	50	55	60
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	3.92	3.03	2.49	2.13	1.86	1.66	1.50	1.37	1.26	1.17	1.10	1.03
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	5.29	4.09	3.36	2.87	2.51	2.24	2.02	1.85	1.71	1.58	1.48	1.39
10	6.41	4.97	4.09	3.49	3.05	2.72	2.46	2.24	2.07	1.92	1.79	1.68
25	7.98	6.18	5.08	4.34	3.79	3.38	3.05	2.79	2.57	2.38	2.23	2.09
50	9.33	7.22	5.93	5.06	4.43	3.95	3.57	3.26	3.01	2.79	2.61	2.45
100	10.78	8.35	6.87	5.86	5.13	4.57	4.13	3.77	3.48	3.23	3.01	2.83

Tc = time in minutes. Values may exceed 60.

precip. file name: Y:\220317 Henderson Sedona Hotel Civil Design\Documents\Hydrology Model\SCS 24 HR Precip.pcp

Storm Distribution	Rainfall Precipitation Table (in)							
	1-yr	2-yr	3-yr	5-yr	10-yr	25-yr	50-yr	100-yr
SCS 24-hour	0.00	2.00	0.00	2.49	2.89	3.43	3.86	4.30
SCS 6-Hr	0.00	1.80	0.00	0.00	2.60	0.00	0.00	4.00
Huff-1st	0.00	1.55	0.00	2.75	4.00	5.38	6.50	8.00
Huff-2nd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-3rd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-4th	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Huff-Indy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Custom	0.00	1.75	0.00	2.80	3.90	5.25	6.00	7.10

## **Appendix E**

### HEC-RAS Model Results for Gassaway Creek

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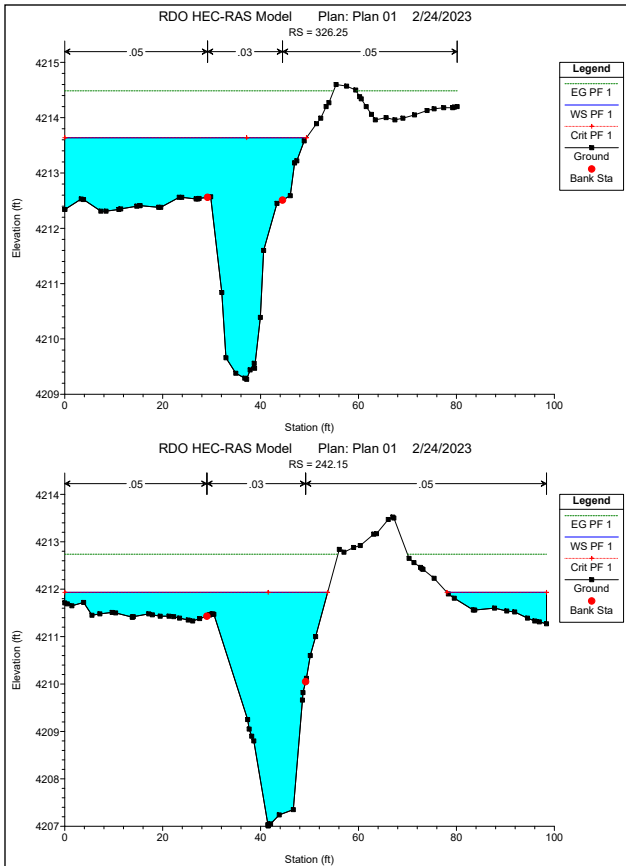
40 Stutz Bearcat Dr., Sedona, Arizona 86336 -Phone: (928) 202-3999  
Email: [info@sefengco.com](mailto:info@sefengco.com) - [www.SeftonEngineeringCompany.com](http://www.SeftonEngineeringCompany.com)

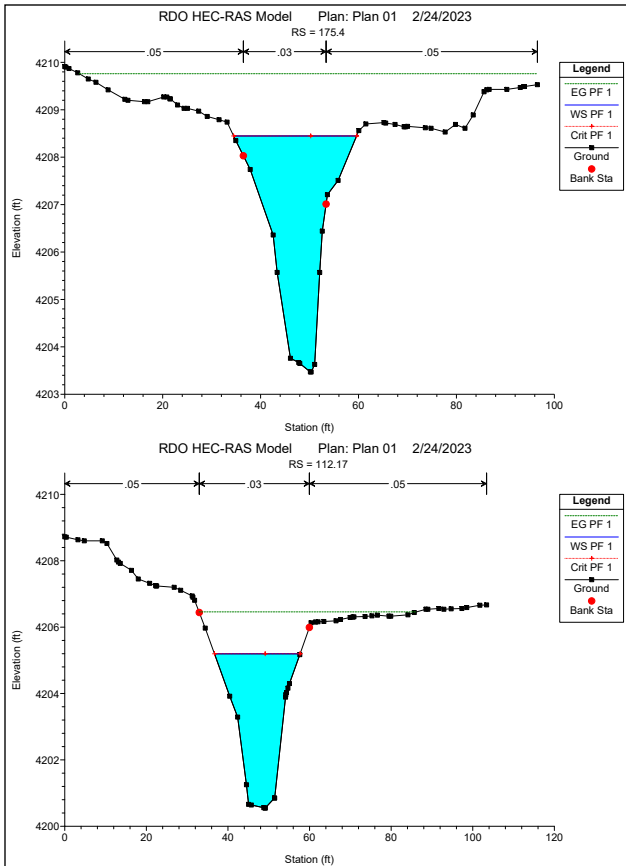
*In affiliation with:*

Heritage Land Surveying & Mapping, Inc. with office in Sedona, Camp Verde & Colorado

HEC-RAS Plan: Plan 01 River: Oak Creek Reach: Oak Creek Profile: PF 1

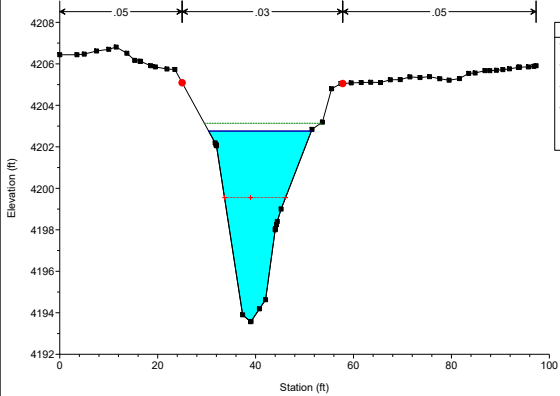
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)
Oak Creek	326.25	PF 1	477.00	4209.27	4213.64	4213.64	4214.49	0.008185	8.26	82.60
Oak Creek	242.15	PF 1	477.00	4207.01	4211.93	4211.93	4212.74	0.006240	7.47	84.03
Oak Creek	175.4	PF 1	477.00	4203.47	4208.45	4208.45	4209.76	0.010237	9.29	55.07
Oak Creek	112.17	PF 1	477.00	4200.55	4205.20	4205.20	4206.46	0.011562	9.02	52.89
Oak Creek	55.07	PF 1	477.00	4193.57	4202.76	4199.55	4203.14	0.002000	4.93	96.71





RDO HEC-RAS Model Plan: Plan 01 2/24/2023

RS = 55.07



## **Appendix F**

### **Grading and Drainage Plans**

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**40 Stutz Bearcat Dr., Sedona, Arizona 86336 -Phone: (928) 202-3999**  
**Email: [info@sefengco.com](mailto:info@sefengco.com) - [www.SeftonEngineeringCompany.com](http://www.SeftonEngineeringCompany.com)**

*In affiliation with:*

**Heritage Land Surveying & Mapping, Inc. with office in Sedona, Camp Verde & Colorado**



R.D. Olson Development / WATG Architects

**Sedona Oak Creek Heritage Lodge**  
**MEP Sustainability and Water Conservation Study**  
**Sedona, AZ**

March 10<sup>th</sup>, 2023



## TABLE OF CONTENTS

INTRODUCTION .....	3
1. Background .....	3
2. Project Scope .....	3
3. About A3 Engineering .....	3
EXECUTIVE SUMMARY: .....	3
PROJECT DESCRIPTION: .....	3
1. Sedona Oak Creek Heritage Lodge .....	3
WHAT WE ASSESSED FOR SUSTAINABILITY: .....	4
1. City and State Codes .....	4
2. Local Sustainability Design Requirements and Guidelines .....	4
3. Water Demand Savings Estimate .....	4
THE GOALS FOR SUSTAINABILITY: .....	4
1. LEED Certified .....	4
2. Sedona Climate Action Plan (CAP) .....	4
3. Sedona Community Plan .....	6
4. The Coconino County Sustainability Program .....	6
5. Verde Valley Regional Economic Organization (VVREO) Business Sustainability .....	6
6. Schnebly Community Focus Plan (CFA) .....	6
SUSTAINABILITY RECOMMENDATIONS: .....	6
WATER DEMAND STUDY: .....	7
1. Assumptions .....	7
2. Findings .....	8
APPENDICES: .....	8
A1. TEAM RESUME / CREDENTIALS .....	8
A2. MEP-RELATED SECTIONS OF SEDONA CLIMATE ACTION PLAN (CAP) .....	8
A3. MEP-RELATED SECTIONS OF SEDONA COMMUNITY PLAN .....	8
A4. COCONICO COUNTY SUSTAINABLE BUILDING PROGRAM CHECKLIST .....	8
A5. VERDE VALLEY REGIONAL ECONOMIC ORGANIZATION (VVREO) BUSINESS SUSTAINABILITY ASSESSMENT .....	8
A6. MEP-RELATED SECTIONS OF SCHNEBLY COMMUNITY FOCUS AREA PLAN (CFA) .....	8
A7. LEED INDOOR WATER CALCULATOR ESTIMATE FOR 70 GUESTROOM DEVELOPMENT .....	8
A8. VARIABLE REFRIGERANT FLOW (VRF) HVAC EQUIPMENT .....	8

## INTRODUCTION

### 1. Background

R.D. Olson Development and WATG Architects are currently in early design and entitlement stages for the Sedona Oak Creek Heritage Lodge development in Sedona, AZ. The development team requested an evaluation of sustainability goals from a mechanical, electrical, and plumbing (MEP) engineering perspective. A3 Engineering has evaluated the governing community sustainability requirements and guidelines to achieve a sustainable project that will be beneficial to both the Sedona community and the surrounding natural environment.

### 2. Project Scope

A3 Engineering's scope of work included the following:

- Review all governing codes, local codes, and local sustainability documents.
- Determine the collective MEP sustainability requirements needed to support the project.
- Evaluate feasible options to meet and exceed the MEP sustainability requirements.
- Recommend and demonstrate how those options should be implemented to support the goals for sustainability.
- Provide a quantitative estimate of how the recommended goals will meet and exceed code and local requirements.

### 3. About A3 Engineering

A3 Engineering is a licensed Mechanical, Electrical and Plumbing (MEP) engineering consulting firm founded in California. With over 50 years of combined engineering experience, the team at A3 Engineering has acted as the Engineer of Record (EOR) on a multitude of projects, especially including the housing and hospitality markets. A3's experience in these markets include significant design consideration implementation toward sustainability to meet and exceed local codes and sustainable guidelines. Further details about A3 are included in Appendix A1.

## EXECUTIVE SUMMARY:

The City of Sedona is doing all the right things to ensure sustainability is at the forefront of the community's priorities and the sustainability guidelines and certification programs detailed below all align with each other to help achieve those goals. With A3 Engineering's extensive experience, reviewing these requirements and program guidelines is extremely encouraging knowing that this is all very feasible – a sustainable development can be achieved and will be successful if this project carries forward.

The Sedona Oak Creek Heritage Lodge would serve as a beacon and a be a role model for not only future developments, but also inspire change for existing properties to do better. The sections below are general summaries of the poignant documents the City of Sedona has pointed toward as baselines for design and construction. A3 Engineering has reviewed these documents through an MEP lens to evaluate and provided more specific detail of how this all can be accomplished to provide a sustainable development for Sedona.

## PROJECT DESCRIPTION:

### 1. Sedona Oak Creek Heritage Lodge

R.D. Olson Development has acquired approximately 11.5 acres along Oak Creek in Sedona, AZ. The current concept design submittal includes a 70-guestroom lodge with associated site and hospitality amenities, open spaces, meeting spaces, a restaurant, and a wellness center. Sustainability is a of high importance to R.D. Olson and the Sedona community; therefore R.D. Olson is looking to coordinate all sustainability aspects of the project at the earliest stages possible to ensure all requirements are met, the project progress will be efficient, and the completed project will benefit the community while having minimal impact on the surrounding environment.

## WHAT WE ASSESSED FOR SUSTAINABILITY:

### 1. City and State Codes

The starting baseline requirements for any project are current state codes and the local codes and amendments. The State of Arizona the current applicable codes are under the 2018 International Building, Mechanical and Plumbing codes, as well as the NEC 2017 Electrical code. These codes provide a baseline safety and functionality of any modern building construction, but do not address the sustainability goals that Sedona and Coconino County are looking to achieve for this project.

### 2. Local Sustainability Design Requirements and Guidelines

The next step is to look at the local sustainability goals established by the city, county, and state. In communications with the Sustainability Coordinator for the City of Sedona, the guidelines to be reviewed and implemented are as follows:

- LEED Certified
- Sedona Climate Action Plan (CAP)
- Sedona Community Plan
- Coconino County Sustainability Program
- Verde Valley Regional Economic Organization (VVREO) Business Sustainability Certification
- Schnebly Community Focus Area Plan (CFA)

These guidelines drive the framework for meeting the sustainability goals for any new business in Sedona and Coconino County. The following sections of this report directly address these guidelines in what the requirements are and how the MEP teams will implement the sustainable design strategies.

### 3. Water Demand Savings Estimate

Due to the high water demand hospitality developments have, it is important to evaluate and find water saving methods for the site. Using International Plumbing Code 2021 as the baseline for fixture flow rates, a calculation estimate was performed based on LEED v4 Indoor Water Use Reduction Calculator. This calculation demonstrates the potential water savings based on USGBC methodology and how these savings can drastically offset other water usages on the site, such as pools, spas and irrigation.

## THE GOALS FOR SUSTAINABILITY:

### 1. LEED Certified

R.D. Olson has the goal of LEED certification for three (3) public buildings for the Sedona Oak Creek Heritage Lodge development. The public buildings that will be designed to achieve LEED certification are as follows:

- Lobby
- Fitness & Spa
- Restaurant

### 2. Sedona Climate Action Plan (CAP)

The Sedona Climate Action Plan (CAP) clearly communicates the importance of taking care of our environment and minimizing negative impacts on the surrounding community and global climate. The actions listed in the plan are generic in nature and suggest program developments that will help achieve those goals, such as incentives for building energy efficiency, water reduction, and renewable energy.

MEP engineers can support these goals in a multitude of ways. The following are areas that will be achieved in direct response to the CAP's example actions as listed on page 15:

- CAP statement: "Reduce building energy consumption by 15 percent".
  - A3 Engineering has extensive experience applying sustainable codes in various states and jurisdictions where a minimum of 15 percent reduction in energy consumption is required. By applying these codes and standards for mechanical HVAC prescriptive and performance

models, 15 percent reduction will be achieved. Using these codes and standards as a guide, the sustainability goals related to CAP may include the following actions:

- Coordinate with the Architect on building envelope construction and building orientation.
- Use minimum R-19 wall insulation and R-30 roof insulation.
- Use high shading coefficient glazing for glass exteriors.
- Provide shade fins or overhangs, especially on west and south facing windows.
- Optimize outside air ventilation rates to ensure fresh air is delivered to the spaces, but to also avoid unnecessary cooling of hot outside air.
- Utilize economizers to bring in outside air at the most optimal heating and cooling times in lieu of using mechanical heating and cooling methods while meeting indoor air quality and ventilation requirements.
- Design and install ventilation systems conforming to ASHRAE Standard 62.1-2019.
- Provide enhanced thermal comfort design by conforming with ASHRAE Standard 55-2010.
- Utilize variable refrigerant flow (VRF) systems to electrify mechanical systems and reuse heating or cooling from one space to another. VRF systems also utilize low-GWP refrigerants.
- Install occupancy sensors to control mechanical and lighting systems while switching between occupied and empty spaces.
- Install guestroom key card readers to activate lighting and power to the units and to deactivate power after the key card has been removed.
- Operable window switches to shutdown dedicated HVAC equipment to prevent cool air from being wasted to the exterior when windows are opened.
- Provide daylight zone control lighting systems that are low energy consumption and controls to automatically turn off lights when unoccupied.
- CAP statement: "Increase consumption of clean energy in buildings from 27% to 50%. Utilize 60% of suitable rooftop space for solar panels."
  - By using VRF mechanical systems as described above, the mechanical equipment footprint can be minimized, therefore allowing for more space for solar equipment on flat roofs. Maximizing space for solar panels, on flat roofs and sloped roofs that face south, in turn will allow for increased renewable energy capacity to supply building power and lighting, as well as the mechanical equipment themselves and domestic water heaters.
- CAP statement: "Increase EV use to 20% of vehicle miles traveled (VMT)".
  - EV parking requirements will be met to ensure use of EV vehicles is promoted and that the infrastructure is provided. While the MEP design cannot guarantee employees and guests will visit the property via EV's, the property will be doing its part in providing these spaces to all those who visit.
- CAP statement: "Reduce water use".
  - Low flow water fixtures will be provided throughout the property in all types of buildings. Low flow fixtures include water closets, urinals, lavatories, showers, and kitchen sinks. By matching the plumbing fixture flow rates listed in CAP, the water savings will exceed LEED requirements and contribute greater than 15 percent water savings for the buildings and property. Fixture flow rate reductions will be as follows:
    - Water closets: 1.6 gallons per flush (GPF) reduced to 1.28 GPF.
    - Urinals: 1.0 GPF reduced to 0.5 GPF.
    - Lavatories: 1.5 gallons per minute (GPM) reduced to 0.8 GPM.
    - Showers: 2.2 GPM reduced to 1.5 GPM.

### 3. Sedona Community Plan

The Sedona Community Plan, like CAP, lists environmental policies that promote energy efficient buildings (green buildings), water conservation, and renewable energy sources. As described above, following other states and jurisdiction sustainability codes and standards will provide the most stringent energy efficient practices for MEP systems, including HVAC, plumbing, electrical power, and lighting.

The Sedona Community plan states in multiple areas of the document the importance of reducing water consumption and to implement policies to utilize and manage stormwater. The plumbing fixture reductions above are the best way to reduce overall building water consumption and selecting these fixtures will also satisfy this requirement under this plan. The building storm drain systems, designed by the plumbing engineer, will also be coordinated with the civil engineer to ensure that stormwater collected within the building will be diverted to a low-impact development area, which is to say, to collect and discharge water to planters and biological areas, minimizing irrigation water needs.

### 4. The Coconino County Sustainability Program

The Coconino County's Sustainable Building Program (CCSBP) provides a worksheet with a checklist of requirements to meet a bronze, silver, or gold certification levels for sustainability. Within the checklist there are six (6) ratings categories, three (3) of which involve MEP-related items. These categories are 'Water Efficiency and Use', 'Energy Efficiency and Use', and 'Indoor Environmental Quality'. To reach the bronze level of sustainability, 25 percent of the total checklist points available must be achieved. There is a high degree of confidence that most of the MEP items can be readily met, which alone would result in more than 25 percent of the total points in the checklist. This checklist is provided in Appendix A4 with points indicated for the MEP items that can be achieved.

As with the other sustainability documents discussed in this report, meeting other states and jurisdiction code requirements will also meet or exceed the requirements listed in the CCSBP checklist.

### 5. Verde Valley Regional Economic Organization (VVREO) Business Sustainability

The Verde Valley Regional Economic Organization (VVREO) has a 'Sustainable Business Certification Program' which is based on the four scientific principles of a sustainable society which are, 1) Reduce non-renewable energy and materials, 2) minimize pollution and waste, 3) protect ecosystems and 4) meet human needs. This certification levels are bronze, silver, gold, and platinum. While many of the certification requirements can be met through MEP design, most of the points are awarded for how the buildings and properties are maintained and operated. The requirements that can be met through design also match those discussed above. Following the requirements of the other documents referenced above will be an easy guide to satisfy the VVREO requirements to certify a sustainable business.

### 6. Schnebly Community Focus Plan (CFA)

The Schnebly Community Focus Plan (CFA) does not have specific MEP-related requirements for sustainability or positive community impacts. However, the MEP engineer can assist the developer, architect, and civil engineer in meeting their requirements under this plan. Examples of where MEP can assist are in the selection of materials, site layouts, utility connections, and providing sustainable design solutions to the types of buildings and amenity spaces to be provided under the CFA. The design solutions would all meet or exceed the guidelines and policies provided under the documents listed in this report.

## SUSTAINABILITY RECOMMENDATIONS:

The following is a list of MEP recommendations in accordance with the sustainability documents addressed in this report. Most of the requirements related to MEP design are consistent and repeated, therefore the following is a comprehensive list across all five (5) documents of the most impactful design strategies:

- A. Coordinate with the Architect on building envelope strategies to meet the minimum 15 percent energy savings contributing by, but not limited to, the following:

- a. Wall and roof insulation and overall construction.
  - b. Building orientation.
  - c. Window glazing.
  - d. Occupancy sensors.
  - e. All electric VRF mechanical equipment, which also use low-GWP refrigerants.
- B. Provide only low flow plumbing fixtures as described in CAP. An approximate LEED indoor water use calculation indicates that approximately 40 percent in water savings is achievable by exceeding the IRC requirements and meeting those listed under CAP. See Appendix A7 for a LEED calculation based on a 70-unit hospitality project.
- C. Utilize solar power systems to increase renewable energy usage and decrease electricity usage from off site.
- D. Provide pre-wired and solar-ready infrastructure for future connections and expansions.
- E. Install heat pump water heaters with gas backup to further promote electrification and help minimize gas water heating. Install solar water heating system to power heat pump water heaters.
- F. Provide EV parking stalls to promote the use of electric vehicles.
- G. Coordinate with the civil engineer for diverting stormwater collected from the buildings to stormwater harvesting tanks and other irrigation or natural low-impact development areas.
- H. Utilize irrigation sensor controls and drip irrigation as well as gutter systems to discharge water where needed for landscaping.
- I. Provide Energy Star certified equipment and appliances only.
- J. Provide lighting systems that are low energy consumption and controls to automatically turn off lights when unoccupied. Comply with the Dark Sky guidelines for exterior property lighting.
- K. Design and install ventilation systems conforming to ASHRAE Standard 62.1-2019.
- L. Provide enhanced thermal comfort design by conforming with ASHRAE Standard 55-2010.
- M. Complete building commissioning to meet ASHRAE Standard 189.1-2020.

## WATER DEMAND STUDY:

The following describes the approach to the water demand study based on the information available at the time this report was written.

### 1. Assumptions

- A. Fixture baseline flow rates are assumed to meet IPC 2021 maximums.
  - a. Baseline flow rates for guestroom fixtures were applied per 'Residential Occupancies'.
- B. Hotel operations are assumed to be 24/7 and 365 days per year.
- C. Guest lodge occupancy rate is assumed to be two (2) occupants per guestroom lodge, 140 occupants at maximum capacity.
- D. An average annual lodge occupancy rate is assumed to be 80 percent, or 112 guests per day.
- E. An average of 35 employees on site per day is assumed.
- F. An average of 30 non-guest visitors on site per day is assumed.
- G. Pool size: 1,000 SF, 3.5 feet average depth - 26,180 gallons initial fill.
- H. Spa size: 200 SF, 3 feet deep - 4,488 gallons initial fill.
- I. Pool filters and backwash
  - a. R.D. Olson has similar hospitality developments in operation with similar size pool and spas. The following backwash rates were used based on current operations:
    - i. 1,000 SF Pool with depth listed above
      1. Backwash volume: one percent (1%) of total pool volume = 262 gallons / cycle.
      2. Frequency of backwash: average one (1) time every two (2) weeks (26 times per year).
    - ii. 200 SF Spa with depth listed above
      1. Backwash volume: one percent (1%) of total spa volume = 45 gallons / cycle.
      2. Frequency of backwash: average one (1) time every two (2) weeks (26 times per year).

- b. Pools are rarely completely drained, once every 5 years. The small discharges of water and refills for chemical balancing are also not common and have assumed to not be a factor in this study. For calculation purposes, the average annual fill volume is assumed to be the initial fill volume of the pools and spa divided by 5 years.
  - i. Pool annual fill volume = 26,180 gallons / 5 years = 5,236 gallons per year.
  - ii. Spa annual fill volume = 4,488 / 5 years = 898 gallons per year.
- J. Summer conditions for peak evaporation rate - 95 degrees F, 40% relative humidity
- K. Pool evaporation rate
  - a. Utilizing a hospitality pool consultant's professional experience, the following average evaporation rates is assumed to be 1/4" per day.
  - b. Per 2014 ASHRAE paper titled, "Methods for Calculation of Evaporation from Swimming Pools and Other Water Surfaces", large outdoor pools with similar ambient conditions were measured to have a range evaporation rates from 0.030 to 0.049 lb./hr./ft<sup>2</sup>. For conservative purposes, the highest value was used for summer conditions, which converts to approximate 1/8" per day over a 12-hour day at peak summer conditions. Since these data points were tested for undisturbed pools, this value was doubled to be overly conservative for evaporation losses due to swimmer activity.
- L. For calculation purposes, it is assumed that no other water offset strategies are implemented beyond lowering fixture flow rates.

## 2. Findings

The following table shows the baseline annual hotel water usage based on IPC maximum flow rates, the annual water usage savings by using low flow fixtures as listed in CAP, the annual hotel pool and spa water usage due to filling, backwash cycles, and the estimated annual evaporation volume. The resulting calculation shows that by using low flow fixtures, the property can reduce the water usage by approximately 962,830 gallons per year (42%). The total sum of pool and spa water fill, backwash and evaporation is estimated to be 82,184 gallons per year, or 9% of the total low flow fixture savings, demonstrating that the pool and spa usage can be offset in excess. See Appendix A7 for further calculation details.

Baseline IPC Water Usage (Gallons/Year)	Low Flow Fixtures Water Usage (Gallons/Year)	Pool and Spa Fill (Gallons/Year)	Pool and Spa Backwash (Gallons/Year)	Pool and Spa Evaporation (Gallons/Year)	Total Net Water Savings (Gallons/Year)
1,666,152	962,830	6,134	7,982	68,068	880,846

## APPENDICES:

- A1. TEAM RESUME / CREDENTIALS
- A2. MEP-RELATED SECTIONS OF SEDONA CLIMATE ACTION PLAN (CAP)
- A3. MEP-RELATED SECTIONS OF SEDONA COMMUNITY PLAN
- A4. COCONICO COUNTY SUSTAINABLE BUILDING PROGRAM CHECKLIST
- A5. VERDE VALLEY REGIONAL ECONOMIC ORGANIZATION (VVREO) BUSINESS SUSTAINABILITY ASSESSMENT
- A6. MEP-RELATED SECTIONS OF SCHNEBLY COMMUNITY FOCUS AREA PLAN (CFA)
- A7. LEED INDOOR WATER CALCULATOR ESTIMATE FOR 70 GUESTROOM DEVELOPMENT
- A8. VARIABLE REFRIGERANT FLOW (VRF) HVAC EQUIPMENT



APPENDIX A1  
TEAM RESUME / CREDENTIALS

## OUR PHILOSOPHY



### ACTION

We have a responsibility to utilize design for positive thoughtful action which creates a positive working impact on our internal, external and community peers.



### AWARENESS

Through intentional awareness, we commit to change the AEC industry by establishing a culture of fairness both within our organization and the partners we work with.



### ACCOUNTABILITY

We believe we are accountable for how we treat our internal and external partners and for the impact our designs and actions have within the communities that we serve.

## OUR FIRM

### Important Firm Details

- Mechanical, Electrical, Plumbing (MEP) Design Services
- Small Business (SBE) certification #2028961
- Local Small Business (LSBE) in LA County: #093067
- Professional licenses in:
  - CA, AZ, WA, NV, KS, TX, TN, GA, FL, MI
- PL Insurance Limits \$1M/\$2M - Hartford
- GL Insurance Limits: \$1M/\$2M Hartford (Business Owners Policy)
- 45 years of combined AEC industry experience
- 15+ combined years working together
- Revit and BIM360 expertise

## OUR MARKETS



### HIGHER-ED



### K-12



### HOSPITALITY



### HOUSING



### MIXED-USE



### RETAIL

## OUR PEOPLE



**Austin Allen, PE**  
CEO | Co-Founder



**Andrew Scott, PE**  
CTO | Co-Founder



**Drew Tucker**  
COO | Co-Founder



**Aaron McGee**  
Mechanical Engineer



**Justin Otus**  
Electrical Engineer



**Melissa Partida**  
Office Manager



**Siavosh Asadi**  
Project Manager

## CONTACT INFO

### Location

527 W 7th St. Suite 905  
Los Angeles, CA 90014

### Phone

213.543.3477

### Online

[www.a-3-eng.com](http://www.a-3-eng.com)

### Social

You can find us on LinkedIn and Instagram (IG: @a3\_engineering)

## APPENDIX A2

### MEP-RELATED SECTIONS OF SEDONA CLIMATE ACTION PLAN (CAP)

# SEDONA CLIMATE ACTION PLAN

**(Modified) MEP-Related Sections Only**



JULY 2021

## HOW WE GET THERE

This plan is organized into the following sectors. Each sector presents our strategies and actions for reducing climate pollution and fostering climate resilience in Sedona.



### BUILDINGS & ENERGY

Ensuring long-term access to clean energy while reducing the fiscal and environmental impacts of consumption



### TRANSPORTATION & LAND USE

Reducing transportation emissions and enhancing community mobility



### MATERIALS & CONSUMPTION

Increasing the diversion of waste from the landfill and reducing GHG emissions associated with consumption of goods and services



### WATER & NATURAL SYSTEMS

Conserving community water resources by maximizing water efficiency technologies while ensuring a secure and sustainable water supply in the face of climate change impacts. Managing, restoring, and fostering resilient ecosystems, landscapes, and resources

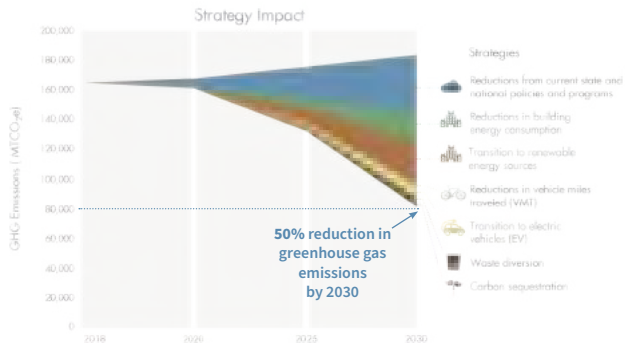


### CLIMATE RESILIENCE

Ensuring Sedona and its residents, businesses, visitors, facilities, and services are prepared for climate impacts, especially those at the highest risk

## WHAT WILL IT TAKE?

To achieve a 50% reduction by 2030, we will need to meet the outcomes below. The actions in the CAP implementation matrix will get the community approximately halfway to our goal. The remaining 25% reduction will rely on new and innovative technologies, additional federal and state action, and regular reevaluation of Sedona's progress.



## WHAT'S NEEDED?

### EXAMPLE ACTIONS



#### Energy efficiency retrofit incentives

- Reduce building energy consumption by 15%



#### Rooftop solar incentives; Electrification incentives and contractor training

- Increase consumption of clean energy in buildings from 27% to 50%
- Utilize 60% of suitable rooftop space for solar panels



#### Bike, pedestrian, and transit infrastructure; Transit-oriented and mixed-use development

- Reduce community-wide VMT by 10%



#### EV infrastructure and incentives; EV-ready code

- Increase EV use to 20% of VMT



#### Food waste prevention; Community-wide organics composting program

- Reduce amount of landfilled organic waste by 15%





## BUILDINGS & ENERGY

**GOAL:** Ensure long-term access to clean energy while reducing the fiscal and environmental impacts of consumption

### SUMMARY

Greenhouse gases are released during the combustion of fossil fuels—such as coal, oil, and natural gas—to heat, cool, and power buildings. The generation, transmission, and distribution of electricity and natural gas is the single largest contributor to Sedona’s carbon footprint. State and local action will be needed to transition to cleaner energy sources.

The strategies and actions included in this section will focus on an equitable transition to clean, reliable, and affordable energy. Shifting our building energy sources from fossil fuels to clean electricity sources like wind and solar will be critical in meeting our long-term goals. Making this shift will require that we continue to reduce building energy demand, introduce incentives for building electrification, and expand renewable energy and battery storage infrastructure.

### STRATEGIES

Reduce building energy demand



Shift to electric heating and power in buildings



Maximize renewable energy generation and storage capacity



### GREENHOUSE GAS EMISSIONS (2018)



**131,828 MTCO<sub>2</sub>e**  
79% of total emissions

### CO-BENEFIT: COST SAVINGS

Reducing energy consumption saves on energy bills. Solar is now less expensive than other energy sources such as natural gas.

### SEDONA HIGHLIGHT

Sedona was designated as a SolSmart Bronze community for its efforts to make it faster and easier to switch to solar energy.





## MATERIALS AND CONSUMPTION

**GOAL:** Increase the diversion of waste from the landfill and reduce GHG emissions associated with the consumption of goods and services

### SUMMARY

While the transport and disposal of solid waste only contribute a small portion of Sedona's carbon footprint, the emissions associated with the manufacture, transport, and use of those disposed materials can be significant. Every phase of a product's life cycle—from origin, to production and manufacturing, to transportation and distribution, and ultimately to disposal—releases climate pollution.

Strategies to reduce emissions from the consumption of goods and services focus on diverting waste from the landfill and encouraging sustainable, climate-friendly consumption.

### STRATEGIES

Enhance sustainable consumption to minimize greenhouse gas emissions



### GREENHOUSE GAS EMISSIONS (2018)



**127 MT<sub>CO2e</sub>**  
<1% of total emissions

### CO-BENEFIT: ECOSYSTEM HEALTH

A city-wide composting program can improve soil health and sequester carbon.

### SEDONA HIGHLIGHT

In 2019, the City's first Fix-it Clinic repaired over 200 lbs of household items—fixing more than 80% of items brought in.



Increase waste diversion







## WATER AND NATURAL SYSTEMS

**GOAL:** Conserve community water resources by maximizing water efficiency technologies while ensuring a secure and sustainable water supply in the face of climate change impacts. Manage, restore, and foster resilient ecosystems, landscapes, and resources

### SUMMARY

Climate change paired with increased tourism threaten the ability of Sedona's natural ecosystems to provide continued water, flooding protection, wildfire resistance, and carbon sequestration services. Although natural systems are not formally captured in our greenhouse gas inventory, proper management of these systems can capture carbon while also enriching recreational opportunities and improving habitat health. Sustainable land management practices like composting, climate-adaptive landscaping, and intentional forest management have been shown to increase the rate of carbon stored in plants and soil.

Along with preserving natural systems, actions in this section include tactics for expanding water reuse and conservation. Although water management only contributes a small portion of our carbon footprint, actions taken to minimize water use, optimize treatment, and improve overall water quality will ensure continued provision of this important resource for future generations.

### STRATEGIES

Expand and improve green spaces, including increased ecosystem quality, connectivity, and accessibility



Reduce water use



Expand water reuse and improve water infrastructure



### GREENHOUSE GAS EMISSIONS (2018)



**3,435 MTCO<sub>2</sub>e**  
2% of total emissions

### CO-BENEFIT: RESILIENCE

Green infrastructure and restoration can provide protection from climate impacts such as flooding and wildfires.

### SEDONA HIGHLIGHT

The City of Sedona participates on the Sustaining Flows Council to partner with the Yavapai-Apache Nation and other Verde Valley stakeholders to ensure long-term water sustainability.



## WHAT YOU CAN DO

While many of the most pressing climate actions will happen at the community level, it is important to be cognizant of our individual emissions and behaviors as well. While there are many steps you can take to reduce your own footprint, here are some idea of how to get started.



### Buildings and Energy

Commit to solar. Visit [www.Sedonaaz.gov/solar](http://www.Sedonaaz.gov/solar) to learn about the process for installing solar on your home or business. Incentives and resources are available to assist with this transition.



### Transportation and Land Use

If you drive to work, consider carpooling, biking or taking the bus one or more days per week, or telecommuting if possible. If that's not possible, consider an electric vehicle next time you are purchasing a car.



### Materials and Consumption

Reduce your meat and dairy consumption. Eating more plant-based foods, such as fruits, grains, and vegetables is one of the most impactful actions you can take.



### Water and Natural Systems

Create a native and drought-tolerant backyard. Attend a Native Plant Workshops to help learn about how to add native plants into your landscape. Careful landscape planning can also reduce your home's wildfire risk.



### Climate Resilience

Talk with family, friends, and neighbors about climate concerns, priorities, and needs. According to the Yale Program on Climate Change Communications, although 63% of Americans are worried about global warming, only 35% of Americans discuss it. By having open conversations, you can help prepare your community for the effects of climate change.

For more information on how to reduce your carbon footprint, visit [sedonaaz.gov/sustainability](http://sedonaaz.gov/sustainability)



# IMPLEMENTATION MATRIX

## Legend:

<b>Timeframe:</b>	▶ = near-term (0-1 years)	▶▶ = mid-term (2-4 years)	▶▶▶ = long-term (5+ years)
<b>Net Present Value Cost</b> (Through 2030):	💰 = \$0 to \$100,000	💰💰 = \$100,001 to \$1,000,000	💰💰💰 = \$1,000,001 to \$10,000,000
<b>GHG Impact</b> (Cumulative MTCO <sub>2e</sub> reductions to 2030):	🌿 = 0 to 500	🌿🌿 = 501 to 5,000	🌿🌿🌿 = 5,001 to 50,000
<b>Action Types:</b>	<b>Vol</b> (Voluntary)	<b>Reg</b> (Regulatory)	<b>SPP</b> (Studies, Plans, Partnerships)

Action	Action Type	Action Type	Timeframe	Lead	Potential Partners
<b>Buildings &amp; Energy: Reduce building energy demand</b>					
<b>Community building incentives</b>	Educate and incentivize businesses and residents to reduce energy and water use. Provide resources to help households and businesses conduct energy retrofits and upgrades.	Vol	▶	City of Sedona Sustainability	Sustainability Alliance Chamber, Northern Arizona Interfaith Council, Northern Arizona Climate Change Alliance
<b>Energy triggers for large buildings</b>	Incentivize large commercial and multifamily buildings to perform energy upgrades achieving deep energy savings by a certain date or at certain trigger events (e.g. time of sale, change of occupancy).	Vol	▶▶	City of Sedona Sustainability, Community Development	Arizona Public Service
<b>Buildings &amp; Energy: Shift to electric heating and power in buildings</b>					
<b>Electric panel updates</b>	Incentivize electrical panel updates (e.g. funding for subsidizing hardware or local electricians to provide reduced cost installations).	Vol	▶▶	City of Sedona Sustainability, Community Development	Yavapai College



Action	Action Type	Action Type	Timeframe	Lead	Potential Partners
<b>Home electrification</b>	Work with Arizona Public Service (APS) to expand programs that incentivize residents to electrify water and space heating.	SPP	▶▶	City of Sedona Sustainability, Community Development	Arizona Public Service
<b>Contractor training</b>	Develop a contractor training and rebate program for solar water heaters, electric heat-pumps, and converting gas appliances to electric.	Vol	▶	City of Sedona Sustainability, Community Development	Yavapai College
<b>New development</b>	Incentivize building electrification in new development and remodels.	Vol	▶▶	City of Sedona Sustainability, Community Development	
<b>Buildings &amp; Energy: Maximize renewable energy generation and storage capacity</b>					
<b>Clean energy financing</b>	Explore funding and capital opportunities – such as 0% interest loans – for frontline community organizations and individuals working to own clean energy assets.	SPP	▶	City of Sedona Sustainability	
<b>Renewable energy storage</b>	Utilize available state, federal, and private grant funds to promote the expansion of renewable energy storage technologies.	Vol	▶▶	City of Sedona Sustainability	Arizona Public Service
<b>Solar incentives</b>	Ensure rebates or other funding support opportunities – such as solar grants for neighborhoods and cooperative buying – are available for installation of solar on existing buildings.	Vol	▶▶	City of Sedona Sustainability, Community Development	Arizona Public Service



Action	Action Type	Action Type	Timeframe	Lead	Potential Partners
<b>Community choice solar</b>	Advocate for state-level legislation that enables community choice aggregation for community solar.	SPP	▶	City of Sedona Sustainability	
<b>Solar permitting</b>	Waive solar project permitting fees.	Vol	▶	City of Sedona Community Development	
<b>Transportation &amp; Land Use: Develop and maintain a safe, convenient, and effective system for walking, bicyclists, and transportation</b>					
<b>Bike/pedestrian Infrastructure</b>	Accelerate the development of the Sedona Trails and Pathways system so that residents and visitors have a safe and healthy alternative to driving. Implement the GO! Sedona Pathways Plan.	CIP	▶	City of Sedona Public Works	Verde Valley Cyclists Coalition, Sedona XYZ, Red Rock Trail Fund, Arizona Department of Transportation
<b>Mixed-use development</b>	Prioritize and incentivize affordable, transit-oriented and mixed-use development to encourage a walkable community.	Vol	▶▶	City of Sedona Community Development	Sedona XYZ
<b>Transportation &amp; Land Use: Improve and increase transit ridership</b>					
<b>Public transit investments</b>	Develop a comprehensive, city-wide transit and shuttle system that serves residents, visitors, and employees.	CIP	▶▶▶	City of Sedona Transit	Sedona Chamber, Arizona State Parks, Coconino National Forest, Arizona Department of Transportation



Action	Action Type	Action Type	Timeframe	Lead	Potential Partners
<b>Transportation &amp; Land Use: Increase fuel efficiency and clean fuel use</b>					
<b>EV infrastructure plan</b>	Develop and implement an EV infrastructure plan to promote and expand the construction of charging infrastructure and electric-powered mobility.	SPP	▶▶	City of Sedona Sustainability	Arizona Public Service Sedona Chamber
<b>Electric vehicle advocacy</b>	Advocate for the expansion of existing incentives and introduce new local incentives to accelerate the adoption of electric vehicles.	Vol	▶▶	City of Sedona Sustainability	Arizona Public Service Sedona Chamber
<b>City fleet electrification</b>	Develop a municipal green fleet policy to right size the City fleet, maximize efficiency, and accelerate the transition to electric vehicles.	Reg	▶	City of Sedona Sustainability	
<b>EV-ready code</b>	Require EV-ready parking spaces in new commercial and multifamily developments.	Reg	▶	City of Sedona Sustainability, Community Development	
<b>Materials &amp; Consumption: Enhance sustainable production and consumption to minimize greenhouse gas emissions</b>					
<b>Municipal Sustainable Procurement Policy</b>	Ensure implementation of a sustainable procurement policy. Prioritize the purchasing decisions that yield the highest emissions reduction impact within each department. Explore climate-friendly food catering, alternative vehicle and fuel purchases, and low-carbon concrete.	Reg	▶	City of Sedona Sustainability, Finance	



Action	Action Type	Action Type	Timeframe	Lead	Potential Partners
<b>Food waste education</b>	Launch an outreach campaign that educates the community about preventing wasted food and sustainable consumption.	Vol	▶▶	City of Sedona Sustainability	Healthy World Sedona Sustainability Alliance Northern Arizona Climate Change Alliance
<b>Materials &amp; Consumption: Increase waste diversion</b>					
<b>Food recovery program</b>	Establish a robust food recovery program to support community members and protect against disruptions, including working with food rescue organizations, schools, and commercial kitchens.	Vol	▶▶	City of Sedona Sustainability	Sedona Oak Creek Unified School District Chamber, Sedona Food Bank, Cornucopia Community Advocate
<b>Community organics diversion</b>	Implement a city-wide community organic waste program to compost food waste and yard waste.	Reg	▶▶	City of Sedona Public Works	
<b>Refrigerant disposal</b>	Identify strategies to improve recovery and reuse of refrigerant chemicals.	SPP	▶▶	City of Sedona Sustainability	Yavapai County, Arizona Department of Environmental Quality
<b>Water &amp; Natural Systems: Expand and improve green spaces, including increased ecosystem quality, connectivity, and resilience</b>					
<b>Native planting in municipal projects</b>	Prioritize native plantings with deep roots on public properties to maximize carbon sequestration and resilience. This includes the grounds of municipal buildings, parks, and schools.	Vol	▶	City of Sedona Sustainability, Public Works	Friends of the Verde River, Sedona Oak Creek Unified School District, Keep Sedona Beautiful



Action	Action Type	Action Type	Timeframe	Lead	Potential Partners
<b>Prepare recreation services for climate change</b>	Maintain cooperation with Arizona State Parks and U.S. Forest Service recreation programs to plan for and respond to increased visitation and use of recreational services and open spaces.	SPP	(Ongoing)	City of Sedona Sustainability	Coconino National Forest, Arizona Department of Environmental Quality, Arizona State Parks, Oak Creek Watershed Council, Verde Front, Rock Trail Fund, Sedona Chamber
<b>Green infrastructure codes for commercial buildings</b>	Adopt a green infrastructure code that applies to new construction projects and the remodeling of commercial buildings.	Reg	▶▶	City of Sedona Community Development	Friends of the Verde River
<b>Climate adaptive landscaping</b>	Require native and climate appropriate plants in the landscaping of public and private projects.	Reg	▶▶	City of Sedona Community Development	Friends of the Verde River, Sedona Chamber, Yavapai County Cooperative Extension, Keep Sedona Beautiful
<b>Creek restoration</b>	Expand protection and restoration efforts throughout the Oak Creek watershed. Reduce flood risk by supporting the natural capacity of creeks to retain water.	CIP	▶▶	City of Sedona Sustainability	Northern Arizona University Friends of Verde River, Coconino National Forest, Oak Creek Watershed Council
<b>Forest health</b>	Identify opportunities for the City to support forest health improvements. Reduce wildfire risk and protect other ecosystem services such as water quality, wildlife habitat, and soil health.	SPP	▶▶	City of Sedona Sustainability	Coconino National Forest, Northern Arizona University, Sedona Fire District





Action	Action Type	Action Type	Timeframe	Lead	Potential Partners
<b>Low-impact business development</b>	Focus business development efforts on businesses that have lower impacts on natural resources and improve resident quality of life.	Vol	▶▶	City of Sedona Economic Development	Sedona Chamber, Small Business Development Center, Local First Arizona
<b>Carbon sequestration</b>	Research and develop regional opportunities to improve the natural sequestration of carbon in plants and soils.	SPP	▶▶	City of Sedona Sustainability	Northern Arizona University, Coconino National Forest, Northern Arizona Climate Change Alliance, Friends of the Verde River, Yavapai County Cooperative Extension
<b>Water &amp; Natural Systems: Expand and improve green spaces, including increased ecosystem quality, connectivity and</b>					
<b>Water retrofits</b>	Update and advertise incentives and direct install programs that retrofit inefficient water fixtures and support low water landscaping.	Vol	▶▶	City of Sedona Sustainability	Arizona Water Company, Oak Creek Water Company, Friends of the Verde River, Keep Sedona Beautiful
<b>Water harvesting ordinance</b>	Adopt a rainwater harvesting ordinance for new development.	Reg	▶▶	City of Sedona Community Development	Friends of the Verde River
<b>Water Resource Management Plan</b>	Create an integrated water resource management plan that ensures a long-term sustainable supply of water when faced with climate-related hazards.	SPP	▶▶	City of Sedona Sustainability, Wastewater	Friends of the Verde River, The Nature Conservancy, Sustainable Flows Council, Yavapai Apache Nation, Salt River Project, Coconino Plateau Water Advisory Council



## APPENDIX A3

### MEP-RELATED SECTIONS OF SEDONA COMMUNITY PLAN

## 5. ENVIRONMENT

### Goals

- Preserve and protect the natural environment.
- Ensure a sufficient supply of quality water for the future.
- Protect Oak Creek and its riparian habitat.
- Reduce the impacts of flooding and erosion on the community and environment.
- Promote environmentally responsible building and design.

#### Environment Chapter:

- Water Resources
- Resource Conservation
- Policies
- Action Plan

**What Changed Since 2002?**

- New studies on water supply and projected demand for the Verde Valley Region.
- Educational programs on water conservation.
- Ordinance adopted that prohibits wood-burning stoves and fireplaces.
- Adopted covered loads ordinance.
- Native, drought tolerant plants ordinance adopted.
- *Stormwater Master Plan* adopted.
- The Sedona Wetlands Preserve constructed at the City's Wastewater Treatment Plant.

**What's New in This Plan?**

- Recommendation to develop a green building program.
- Recommendation to develop an action plan that would focus on methods to improve energy efficiency and conservation and reduce harmful emissions.
- Recommendation to use low impact development and green infrastructure to manage stormwater.

Protection of the environment is the community's top priority, and sustainability is a fundamental goal of the Plan. This chapter addresses our impacts to the environment, locally and globally, from conserving non-renewable resources to protecting the health of the ecosystem. While some of these issues may not seem to be a problem today, if the current rates of consumption and impacts continue, the long-term results will be a significant decline in the health of the environment, the availability of vital resources, and the community's quality of life.



## WATER RESOURCES

Water is a vital resource for the health of the community, the environment, and the economy. Oak Creek was the main attraction for early settlement of Sedona and is now a draw for recreational activities by those wanting to escape the heat of summer. Oak Creek flows to the Verde River and is part of the Verde Watershed, which is relied upon by growing communities, including Cottonwood and Camp Verde. An ample supply of clean water for future generations is critical to the future of Sedona and the region.

### Water Supply and Demand

Surface water includes Oak Creek and other streams, springs, lakes, ponds, and reservoirs. Appropriated water rights to surface water in the Verde Watershed currently exceed the available supply of water. Flood and stormwater can also be a source of water, yet require collection, storage, appropriate use, and treatment that is difficult with an intermittent and unreliable source. Wastewater effluent is another potential water source (see wastewater discussion below).

Groundwater is found in underground aquifers that are recharged by water seeping into the pores and cracks in soil and rocks. Aquifers are connected and can be influenced by recharge and withdrawals occurring far beyond the immediate area, and they will be impacted by the cumulative effects of what occurs throughout a region.

Groundwater is the primary source of domestic water for most communities, including Sedona. There are several private water providers in the City that supply potable water, including the Arizona Water Company and Oak Creek Water Company. Both draw on groundwater wells to supply residential and business needs. While groundwater is a currently available supply of water, there is an overdraft in the Verde Valley. Overdraft occurs when the amount of water being used exceeds the amount being recharged.

There have been several studies concerned with the future of our regional water supply, such as the *Central Yavapai Highlands Water Resource Management Study*, a partnership of the Yavapai County Water Advisory Committee, the U.S. Bureau of Reclamation, and the Arizona Department of Water Resources; and the findings of the U.S. Geological Survey's regional groundwater flow model. The predictions are that based on water supply and population estimates, demand will exceed the supply of water in the Verde Watershed by 2050.

The City partners with multiple organizations concerned with the sustainability of the region's water supply, including the Yavapai County Water Advisory Committee, the Verde River Basin Partnership, the Coconino Plateau Water Advisory Council, and the Northern Arizona Municipal Water Users Association.

### Key Issues

- Projections that the long-term supply of water in the Verde Watershed will be inadequate.
- Oak Creek's water quality has exceeded standards for E. Coli bacteria.
- The water supply for City residents is managed by private entities.
- Flooding has resulted in property damage and other impacts.
- Flooding and erosion have impacted property, habitat, and the water quality of Oak Creek.

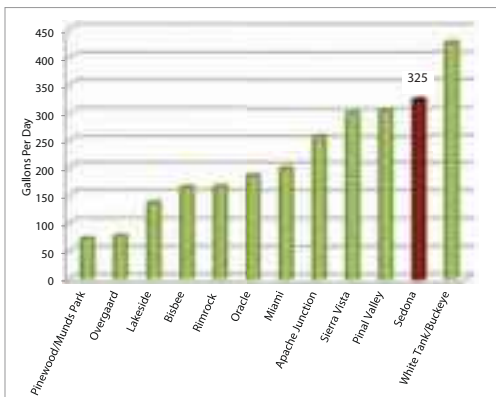
### Water Conservation

The City and local water companies have provided education and outreach programs that encourage the public to reduce water use. However, Sedona residents have higher rates of water use than most Arizona communities (see table below). Commercial businesses and non-residential users rank as the 2nd highest in water use compared to the other communities listed below. Much of the water use in Sedona goes to landscaping, which could be reduced by using more efficient irrigation and landscaping techniques that require less water.

### Water Quality

One of Sedona's greatest assets is Oak Creek, which is also a major attraction for tourists to Oak Creek Canyon. Unfortunately, the creek has suffered from poor water quality since at least 1973. The levels of *E.Coli* bacteria have often exceeded water quality standards, resulting in health warnings and restrictions. Contaminants enter the water supply from multiple sources, and can impact both groundwater and surface water. The causes of contamination include waste from wildlife, humans, dogs, livestock, septic systems, recreation, and agriculture. Stormwater can carry

### 2012 Average Water Use of Sedona Residential Water Users



Source: Arizona Water Company

pollutants such as pesticides and oil, as well as trash and other debris. Efforts are underway, led by the Oak Creek Watershed Council, to counteract these impacts through education and outreach, and through projects such as installing more public toilets, trash receptacles, and dog waste stations.

### **Wastewater Management**

The City incorporated in 1988, and most of the City's infrastructure was originally developed under the jurisdiction of either Coconino or Yavapai Counties. The City established its sewer system in 1993 and has since converted 60 percent of City homes and businesses off of septic systems. Reducing the number of septic systems by converting to the City sewer system is removing one of the threats to Oak Creek's water quality.

Treated wastewater is a form of effluent that is considered an available supply of water if it is claimed at the time of discharge. Typically it is impounded, evaporated, or stored underground. The City's Wastewater Treatment Plant produces treated effluent that is currently stored in reservoirs or disposed of in ponds or with spray irrigation. Effluent can be reused for a variety of purposes when treated to appropriate levels. The challenge to reusing effluent from the City's Wastewater Treatment Plant is in distributing the water, especially since the treatment plant is four miles beyond the city limits.



### Stormwater Management

The City's 2005 *Stormwater Facilities Master Plan* proposes drainage improvements where there are significant flooding concerns. Projects are prioritized based on criteria such as the threat to life or property, the frequency of flooding, and the potential to coordinate with other projects. The City continues to implement these projects annually as part of the City's Capital Improvement Plan. The City's storm drain system consists of culverts, roadside drainage ditches, and natural washes. Besides the potential for flood damage, stormwater can also carry pollutants. One key aspect of the City's stormwater management program is public education and outreach to citizens and businesses about protecting water quality by preventing pollutants from entering the stormwater system.

The City's *Stormwater Management Plan* addresses measures to maintain and improve the quality of stormwater being discharged into Oak Creek and its tributary drainages. The plan focuses on reducing the discharge of pollutants into

Oak Creek, increasing public awareness of water quality issues, promoting regional programs, and satisfying the water quality requirements of the Clean Water Act. Stormwater can be managed with the use of more natural features that accommodate the water rather than funneling it across paved surfaces to enter drainages, referred to as low impact development. The intent is to increase infiltration rather than runoff. Increased infiltration can reduce the impacts of flooding downstream and ultimately contribute to groundwater recharge. Just as in nature, plants can slow the movement of water, discourage erosion, and naturally irrigate landscaping, while increasing wildlife habitat and improving property appearance. This may be as simple as adding a curb cut that allows water to collect in a median or strip of landscaping between a street and sidewalk. Other methods include using permeable or porous pavers and pavements, creating depressions or bioswales that act as retention basins, or simply preserving more natural open space within developments.

**Low Impact Development:**  
A stormwater management approach that preserves or mimics natural drainage systems for infiltration and the reuse of stormwater.





## RESOURCE CONSERVATION

The environment that surrounds us is made up of resources that we all depend on, and with the goal of sustainability in mind, these resources must be conserved for future generations.

### Energy Conservation and Air Quality

Conserving energy will reduce costs while decreasing the use of fossil fuels and resulting pollution. Improving the efficiency of buildings can reduce the need for heating and cooling and result in lower utility bills. Solar power is already in use by many homes and businesses, and there is the potential for expanding the use of solar energy throughout the community.

Air quality is affected by vehicle exhaust, fireplaces, wood burning stoves, prescribed burns, and dust from off-highway vehicles. Less manageable air quality impacts are primarily from wildfires and excessive winds carrying dust and particulates. Improving energy efficiency and reducing vehicle use and traffic congestion are ways of reducing air pollution and thus improving air quality.

### Habitat Conservation

A healthy natural environment is reliant on maintaining the natural functions of the ecosystem, on which plants and animals depend. The idea that the built environment is in harmony with the natural environment means that the natural landscape should be preserved wherever possible and replicated in landscaping and restoration. While preserving the landscape in its natural state is preferred, landscaping with native plants can reduce water consumption while providing wildlife habitat.

### Green Building

Green building and low impact development are environmentally friendly design and construction practices. Integrating these methods into new and existing projects will have multiple benefits, such as improving energy efficiency, reducing air pollution, conserving water, and providing wildlife habitat.

### Key Issues

- The impacts to environmental quality from increasing traffic and vehicle use.
- Environmental impacts of increasing numbers of people recreating on public land.
- Habitat loss and degradation from development, erosion, and recreation.
- The potential for increasing the use of solar and other renewable energy.

Green Building:  
Design, construction, and operational practices that use resources responsibly and efficiently.

## ENVIRONMENT POLICIES

1. Participate in and contribute to regional and statewide water planning efforts.
2. Investigate and implement appropriate methods to reuse treated wastewater and to recharge groundwater.
3. Improve and maintain the water quality of Oak Creek.
4. Implement incentives or regulations for existing and new development to incorporate water conservation measures and energy efficient site design and building features.
5. Incorporate water conservation, energy efficiency, the use of renewable energy sources, and sustainable practices into new and existing City facilities and programs.
6. Establish standards for the use of low impact development practices to manage stormwater.
7. Work with Coconino County to relocate structures out of floodways during redevelopment efforts.
8. Reduce harmful emissions.
9. Support community efforts to be dark sky compliant.
10. Preserve and restore natural drainages and open space areas with native plants to provide wildlife habitat, reduce erosion, and improve stormwater retention.
11. Control the spread of invasive exotic plant species through education, removal, and prevention.
12. Implement a green building program that includes education, standards, and incentives.
13. Support recycling and other waste stream reduction efforts.

## ENVIRONMENT ACTION PLAN

Action	Lead	Partners
<b>Priority 1 (0-5 years):</b>		
1 Ensure that a City representative participates in regional water advisory organizations.	Community Development, Public Works	Yavapai County, Verde Valley municipalities and regional organizations
2 Collaborate with private water companies to reduce water consumption.	Community Development, Public Works	Private water companies
3 Reevaluate and update the dark sky ordinance.	Community Development	Planning and Zoning Commission, City Council
4 Investigate existing weed management efforts and implement appropriate actions, which may include a partnership weed management plan.	Public Works	Community Development, Forest Service
5 Develop a City green building code and associated incentives for all development.	Community Development	Planning and Zoning Commission, City Council, citizens, building community
<b>Priority 2 (6-10 years):</b>		
6 Conduct an inventory and audit of water conservation and energy efficiency of City facilities and operations and implement appropriate measures.	Public Works	Private water companies, Community Development
7 Develop an action plan that would focus on methods to improve energy efficiency and conservation and reduce harmful emissions.	Community Development	Public Works, City Manager's Office, Planning and Zoning Commission
8 Investigate the acquisition of private water companies.	City Manager's Office	Public Works, City Attorney, Community Development, water companies

APPENDIX A4

COCONICO COUNTY SUSTAINABLE BUILDING PROGRAM CHECKLIST

## 2022 Sustainable Building Program Commercial Project Guidelines and Rating



“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.” -World Commission

[www.coconino.gov/sustainablebuilding](http://www.coconino.gov/sustainablebuilding)

Use this rating worksheet as a guide to sustainable building and/or for tabulating points to certify projects for the Sustainable Building Program (CCSBP). Please contact the Sustainable Building Program at [nschmidt@coconino.gov](mailto:nschmidt@coconino.gov) with questions or for any additional information.

Submit Date: \_\_\_\_\_ Final Date: \_\_\_\_\_  
Point Rating: \_\_\_\_\_ Point Rating: \_\_\_\_\_

Owner:		Phone:
Project Name:		Project #:
Site Address:		Parcel #:
City, St.:		BD#:
Builder:		Phone:
Arch/Designer:		Phone:

<b><u>Bronze Level</u></b>	<b><u>Silver Level</u></b>	<b><u>Gold Level</u></b>
By qualifying at the entry level you will be meeting the CCSBP’s baseline for sustainably responsible building.	The intermediate level is designed to achieve a higher level of environmental building performance.	At the advanced level you will demonstrate an environmentally responsible environment.
Accumulate a total of <u>25% of applicable points</u> from the checklist.	Accumulate a total of <u>35% of applicable points</u> from the checklist.	Accumulate a total of <u>50% of applicable points</u> from the checklist.

A project which qualifies for any level of certification may earn a Net Zero Energy Distinction if the project meets the Net Zero Energy requirements. This distinction will appear on the project plaque received upon completion of the program. For more information on the Net Zero Energy requirements on page 5. Projects must meet all prerequisites to achieve any level of certification.

<b><u>Summary of Rating Categories</u></b>	
1 Community and Site	4 Materials and Resources
2 Water Efficiency and Use	5 Indoor Environmental Quality
3 Energy Efficiency and Use	6 Innovation and Leadership

## Worksheet Items for Credit

### 1-Community and Site

Community Connectivity & Transportation	1.01	Project is located within ¼ mile of urban trail.
	1.02	Project provides access to public transportation.
	1.03	Project supports high density development and community connectivity through diverse neighborhood.
	1.04	Building is placed on previously developed land or high priority site, e.g. brownfields and a historic district.
	1.05	Development considers neighboring land uses in design.
	1.06	Bike racks are installed on site.
	1.07	Infrastructure for green vehicles is provided.
Community Resilience	1.08	Firewise construction practices are implemented.
	1.09	Site demonstrates Firewise practices.
	1.10	Health and wellness area for employees.
	1.11	Dedicated space for community gathering.
Site	1.12	Erosion control plan, including topsoil preservation, is implemented.
	1.13	Maximizes open and natural space by minimizing the disturbed area on site. Have a "no disturbance zone" marked on drawings. "No-disturbance zone" to be protected flagged and protected during construction.
	1.14	Building is placed/constructed on-site to minimize negative impact on natural vegetation, topography, and natural drainage ways.
	1.15	Low Impact Development (LID) strategies implemented to keep stormwater on site.
	1.16	Exterior lighting compliant with Dark Skies regulation (light pollution reduction).
	1.17	No chemical herbicides or pesticides are used on site, or non-toxic versions are used (if for termite pretreatment).
	1.18	Appropriate amount of outdoor space is included.
	1.19	Roof system minimizes heat island effect.

	1.20	Landscape minimizes heat island effect.
	1.21	Protection and/or restoration of wildlife habitat (including pollinator habitat).
		<i>Total for Community</i>

<b>2-Water Use and Efficiency</b>		
Appliances/ Fixtures	2.01	Automatic faucet installed in bathroom sinks (battery IR or motion sensors).
	2.02	Faucets are low flow at 0.8 gallons per minute or less at 20 psi and 1.5 gpm at 60 psi.
	2.03	Tanked toilets are 1.28 gallons per flush or less, flushometer-valve toilets are 1.6 gpf or dual flush.
	2.04	Urinals are 0.5 gallons per flush or less, 3 points Waterless urinals, 6 points
	2.05	Water bottle filling stations are installed.
	2.06	Washing machines are Energy Star certified
	2.07	Dishwashers are Energy Star certified.
Rainwater Harvesting	2.08	Rainwater collection and storage system is installed for use on site. (No distribution system installed)
	2.09	Rainwater collection system with on-site distribution to vegetation is installed (i.e. e. gutters, scuppers, downspouts, retention areas, irrigation lines, swales, berms, etc.). Credit awarded in addition to 2.10.
Graywater Reuse	2.11	Two-pipe drain system for future gray water recovery system is installed.
	2.12	Complete gray water irrigation system is installed.
Exterior Strategies	2.13	Landscape is Xeriscaping (100% of landscaped areas) excluding vegetable/fruit garden. Hydroseed grasses are native/low water, as are trees and shrubs, no turf. (Points for 2.13 or 2.14)
	2.14	Landscape requires no irrigation (other than gray water, stored rainwater, reclaimed water and/or natural precipitation). (Points for 2.13 or 2.14)
	2.15	Irrigation controller has a rain sensor shut off.
	2.16	Irrigation system has soil moisture sensor.
	2.18	Turf (lawn) area is minimized and irrigated with reclaimed water. For turf areas greater than 1000 sf that are not irrigated with reclaimed water, a deduction of 1 point per 100 sf of turf.
		<i>Total for Water Use &amp; Efficiency (2)</i>

### 3-Energy Use and Efficiency

Passive Solar Design	3.01	Building is oriented on the lot so the longest axial dimension faces within 20 degrees of south.
	3.02	Windows on south side.
	3.03	Thermal mass is included in the design.
	3.04	South glass has proper overhang or other shading feature to afford both summer shading and winter sun.
	3.05	Exterior shading devices, screens, or landscaping for windows on the west side of the building or no west windows installed.
	3.06	Air lock vestibule is used to minimize heat loss at main entrance(s).
	3.07	Building is designed for passive solar winter heating using solar heat gain analysis: 4-points for 50% heating demand, 9-points for 75% heating demand, 12-points for 100% heating demand.
Renewable Energy	3.08	Clean renewable energy system installed: solar electric (photovoltaic) power system and wind power system. Points are awarded based on percentage of the project's energy needs met; 2 points for every 10% of energy needs met; a maximum of 20 points is awarded for 100%.
	3.10	Solar water heating system is installed. (4 points for meeting 50% of annual hot water needs, 6 points for meeting 80%)
	3.11	Pre-wiring (Solar ready) or plumbing to allow for easy installation of future renewable energy systems. Wiring for PV-3 points, Plumbing for solar thermal- 3 points; 6 points accumulated.
Appliances	3.12	Appliances are Energy Star certified.
Lighting	3.14	Occupant sensor controls are provided.
		High efficacy lighting constitutes
Building Envelope	3.15	Floors, slabs, walls and ceilings exceed the requirements of Tables C402.1.4 and C402.1.5 by at least 5%
	3.22	Fenestration U-factors are reduced by at least 5%
	3.23	Energy Performance Analysis completed



Performance	3.25	Diagnostic Blower Door Test results show 0.35 ACH or less (0.35 CFM at 50 Pascal's p per sf or less).
	3.26	Duct blaster test is performed and results show that total duct leakage $\leq$ 6 cfm/sf to outside 100 sq ft of conditioned floor area.
	3.27	Whole building commissioning to meet ASHRAE Standard 189.1-2020
Mechanical Systems	3.28	HVAC
	3.29	Water heaters are Energy Star certified
Certifications	3.30	Project is also participating in another energy/sustainable building certification program.
Atmosphere	3.31	Mechanical systems and appliances utilize low GWP refrigerants.
		<i>Total for Energy Use &amp; Efficiency (3)</i>

4-Materials and Resource Use		
Design	4.01	Credit will be awarded for designs with extra consideration for durability and resilience to weather damage from these elements: freeze-thaw cycles, moisture, temperature extremes, and UV radiation exposure.
	4.02	Use of Optimal Value Engineering (OVE) or advanced framing techniques. Must include examples on drawings.
Construction Waste	4.03	Removed trees, stumps and tree limbs are donated or ground for mulch.
	4.04	Construction waste reduction / reuse plan written and followed (e.g. recycle wood, cardboard, drywall, foam, metal, concrete, masonry, asphalt).
	4.05	Donate excess materials to a non-profit building organization. (Restore, etc.)
Materials	4.06	Use of durable finishes (i.e. warranty or life expectancy of 40+ years) The finish must cover 90% of total finish used in each category: roofing (2 pts), siding (4 pts), and flooring (4 pts)
	4.07	Regional materials: materials used are extracted and/or manufactured within 500 miles
	4.08	Recycled, salvaged, and/or rapidly renewable materials are used.
	4.09	Certified sustainably harvested wood products are used.
	4.10	Redevelopment of existing building. 5 points per 20%
	4.11	Provide life cycle analysis results showing environmental impact reduction

	4.12	Recycling bins provided throughout building
	4.13	Compost collection and/or composting facilities on-site
		<i>Total for Materials &amp; Resource Use (4)</i>

## 5- Environmental Quality

Ventilation	5.01	Ventilation strategy is implemented to ensure healthy outside air exchange. Building is designed and constructed for ventilation conforming to ASHRAE Standard 62.1-2019.
	5.02	Passive radon ventilation system is installed per EPA guidelines.
Materials	5.03	Low-VOC materials are used: floor coverings, adhesives, sealants, paints and finishes. (4-points for each type used, max 15-points)
	5.04	Zero VOC materials are used: flooring, adhesives, sealants, paints and finishes. (4-points for each type used, max 20-points)
	5.05	Provide enhanced thermal comfort design by conforming with ASHRAE Standard 55-2010
	5.06	Acoustic performance. Consideration given and design features implemented to address potential noise issues.
	5.07	Added air filtration. MERV rating >11
		<i>Total for Indoor Environment Quality (5)</i>

## 6-Aesthetics, Education and Innovation

Aesthetics	6.01	Public art that enhances community character, historical understanding and cohesion.
Education	6.02	Educational aspects are integrated throughout the construction (eg construction blog, town hall speaking at local schools about project)
Innovation	6.03	Innovative Features:
		<i>Total for Innovation and Education</i>

### Total Points for all Categories

	1	2	3	4	5	6	T
<b>Total</b>	52	108	116	72	32	20	.
<b>Submitted</b>							
<b>Final</b>							

## APPENDIX A5

# VERDE VALLEY REGIONAL ECONOMIC ORGANIZATION (VVREO) BUSINESS SUSTAINABILITY ASSESSMENT

Save

Done

More

Exit

Bronze

Silver

Gold

Platinum

## Bronze

### REDUCE Non-renewable Energy and Resources *(Need 2)* ▲

#### ENERGY CONSERVATION

Conserve energy with equipment, appliances, and heating/cooling systems.

##### EXAMPLES:

- Use equipment efficiently (unplug appliances, control thermostats, etc).
- Repair or purchase used equipment.
- Ensure new equipment is more efficient than norm (e.g. Energy Star).
- Other.

#### CLIMATE

Understand and take steps to reduce your greenhouse gas impacts.

##### EXAMPLES:

- Buy 50% green power.
- Maintain refrigeration equipment and replace outdated refrigerants.
- Identify sources of greenhouse gas in the business and 2-3 actions to reduce.
- Identify climate-related risks to your business and 2-3 actions to mitigate.
- Other.

#### TRANSPORTATION

Reduce miles traveled or fuel used by employees and the business.

##### EXAMPLES:

- Encourage alternative commute modes (carpool, public transit, cycle, walk).
- Consolidate shipments for deliveries.
- Choose lower-footprint delivery options.
- Enable remote work.
- Other.

#### EXTRACTED MATERIALS

Reduce your need for non-renewable materials from mines, quarries, mineral deposits, etc. EXAMPLES:

- Delay upgrading metal-containing products (electronics, appliances, vehicles, etc) until you need additional capabilities AND recycle properly.
- Minimize or find alternatives for non-renewable materials (rock, gravel, sand, concrete, tile, glass, metal, etc).
- Reuse metals and other non-renewable resources from your own operations.
- Other.

### MINIMIZE Pollution & Toxics *(Need 2)* ▲

#### CHEMICALS

Use nontoxic products for the majority of your cleaning. EXAMPLES:

- Use certified green cleaning products (Green Seal, EcoLogo, Safer Choice, Environmental Working Group).
- Make your own green cleaning products from ingredients such as lemon juice, baking soda, and vinegar.
- Minimize the need for harsh solvents by choosing products and materials easily cleaned with water and nontoxic ingredients.
- Other.

#### AIR QUALITY

Maintain adequate ventilation and fire prevention, both indoor and outdoor.

##### EXAMPLES:

What are you doing?

What are you doing?

What are you doing?

What are you doing?

What are you doing?

What are you doing?

Save

Done

More

Exit

Bronze

Silver

Gold

Platinum

 **WASTE****Reduce waste and recycle common materials. EXAMPLES:**

Separate and recycle at least 25% of waste with a service that demonstrates minimum 80% recovery rate.

Reduce the waste you generate by at least 25%.

Plan 3-5 steps to increase diversion from landfill within the next two years.

Other.

What are you doing?

 **MATERIALS EFFICIENCY****Reduce materials and packaging in your business. EXAMPLES:**

Favor durable, reusable, and repairable items, avoiding single-use products and excessive packaging.

Reduce packaging for items you produce or sell.

Buy key materials and supplies in bulk.

Other.

What are you doing?

**PROTECT Ecosystems (Need 2) ▲** **FOOD SYSTEMS****Reduce food-related waste. EXAMPLES:**

Identify 2-4 opportunities to prevent food waste.

Reduce serving sizes.

Reduce the footprint of your food packaging.

Other.

What are you doing?

 **WATER****Assess indoor and outdoor water use and take basic steps to conserve. EXAMPLES:**

Install low flow water fixtures.

Ensure all water-using appliances are high-efficiency.

Encourage water-saving behaviors; test for and eliminate leaks.

Ensure irrigation systems are efficient (e.g., drip irrigation, timers).

Other.

What are you doing?

 **BUILDING****Assess building(s) against current codes and set priorities for improvement. EXAMPLES:**

Comply with Dark Sky guidelines AND at least one of the following:

Ensure buildings comply with current codes OR older buildings at least meet safety codes with plans to improve.

Occupy and preserve a historic building.

Commit to current codes for remodels planned in the next two years.

Other.

What are you doing?

 **OTHER NATURAL RESOURCES****Assess your use of natural resources and make plans to improve. EXAMPLES:**

Give preference to local and/or certified sustainable products.

Identify your main natural resource uses and make plans to mitigate risks.

Assess the impact of your waste streams to air, water, and soil.

Identify habitat impacts of your business emissions.

Other.

What are you doing?

**MEET Human Needs (Need 2) ▲** **SAFETY NET****Provide basic benefits for employees. (Check if self-employed, with health**

What are you doing?

Save

Done

More

Exit

Bronze

Silver

Gold

Platinum

Provide paid vacation for employees working 20+ hrs/week.

Provide paid vacation and personal time for employees working 29+ hrs/week.

Offer family leave with a commitment to continued employment upon return.

Other.

**INCLUSION**

**Establish goals and plans for a diverse and inclusive workforce.**

**EXAMPLES:**

Define a vision for inclusion in your business and make plans to achieve.

Assess the diversity of your employee base relative to the community and set goals to improve.

Understand labeling that protects workers and communities in your supply chain (e.g., Fair Trade) and choose certified products.

Other.

**EMPLOYEE DEVELOPMENT**

**Design jobs for employee satisfaction and growth. (Check if self-employed with no employees.) EXAMPLES:**

Provide reliable work shifts, task variety, flexibility AND hold supervisors accountable for these elements.

Establish practices (e.g., surveys) to identify and address areas of concern.

Regularly recognize employees in ways that are meaningful to them.

Other.

**STAKEHOLDER ENGAGEMENT**

**Build collaborative relationships with customers, community, and other external stakeholders. EXAMPLES:**

Attend public meetings to understand community needs (e.g., City Council, Rotary, nonprofit presentations).

Participate in community development activities (e.g., city commissions, nonprofit boards).

Encourage customers to make more sustainable choices with your products or services (e.g., packaging, linen reuse, water stations).

Actively participate in local disaster preparedness efforts.

Other.

**MANAGE for Sustainability (Need 2) ▲**

**MISSION**

**Communicate the business case for sustainability to managers and staff.**

**EXAMPLES:**

Develop a vision and business case for sustainability in your organization.

Share the organization's sustainability commitment with all employees.

Train employees on sustainability frameworks and practices.

Other.

**IMPLEMENTATION & INTEGRATION**

**Make sustainability a formal initiative. EXAMPLES:**

Designate someone in your organization to lead sustainability efforts.

Engage managers and staff to identify sustainability projects.

Implement at least one project and evaluate results and lessons learned.

Identify a sustainability issue in the community and engage in philanthropy around it (time, money, or in-kind).

Other.

**MEASUREMENT & REPORTING**

**Gather sustainability data to guide major projects. EXAMPLES:**

Identify 1-5 relevant sustainability metrics and gather baseline data.

What are you doing?

What are you doing?

What are you doing?

What are you doing?

What are you doing?

What are you doing?

Bronze	Silver	Gold	Platinum
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Next

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APPENDIX A6

MEP-RELATED SECTIONS OF  
SCHNEBLY COMMUNITY FOCUS AREA PLAN (CFA)



# Schnebly Community Focus Area Plan

## CFA Vision

This CFA is located within the Heart of Sedona, a pedestrian-friendly area focused on Oak Creek and Sedona's heritage. Future development and redevelopment is a mix of uses that preserves the Oak Creek riparian corridor, with natural hillsides, open fields, and a variety of modestly scaled buildings, thus sustaining the distinct historic context and character.



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City of Sedona Community Development Department

## INTRODUCTION

This Community Focus Area (CFA) Plan is an addendum to the Sedona Community Plan and serves as a guide for future development of this area. The intent is to address issues that are specific to this geographic area in more detail than the City-wide Sedona Community Plan. This unique Sedona neighborhood is located across Oak Creek from the bustling tourist district of Uptown. Driving up Schnebly Hill Road from State Route 179, the shops and galleries are quickly left behind as you pass through a sparsely developed area that soon transitions to the National Forest. There are only 41 houses within this 91 acre area, most of which are hidden in the hills or set back from the road. Sedona's only RV Park is here, hidden in the trees along Oak Creek, with 84 camping sites. Visible above the trees is the glass spire of the Creative Life Center, a draw for visitors and residents to its seminars and programs.

This area is bound to see significant growth and change in the future as only 56% of the lots in this area have been developed. The area is currently zoned single-family residential, and future growth would result in far more houses than today, changing the area from its open, rural character to a typical residential area. The intent of this CFA Plan is to guide future growth in a manner that will retain the unique character of the area.

### Community Expectations

The Sedona Community Plan listed the following expectations for this CFA:

- *"Retain large parcels and rural character.*
- *Support agriculture as a key character element.*
- *Support non-residential uses (e.g., bed and breakfast, neighborhood cafe) if tied to the preservation of large land areas and generates less traffic than medium-density residential.*
- *Retain similarly affordable housing currently provided in existing mobile home/RV park.*
- *Protect riparian environment along Oak Creek.*
- *Evaluate potential for environmentally sensitive public creek access.*
- *Preserve historic resources (Gassaway House)."*

- Sedona Community Plan p. 45

### Existing Conditions

CFA Planning Area: 91 acres

Current Land Use:

- 75 lots, 44% of the lots are undeveloped
- 41 houses on 30 acres
- 1 office building, 1 religious institution, and

Zoning:

- The majority of the CFA is either zoned RS-10b (10,000 square feet and a maximum of 4 units) or RS-18b (18,000 square feet and a maximum of 2 units).
- Other Zoning: Commercial (C-1): 2 lots; Traditional Residential Development (PRD): Red Rock Canyon

Subdivisions:

- Red Rock Creek subdivision on Gassaway House, a Historic Landmark and 9 undeveloped lots
- The Gem subdivision on Quail Ridge Lane

Streets:

- 1 public street (Schnebly Hill Road) maintained
- 4 private streets

Natural Resources:

- Oak Creek and its riparian area of large sycamores from Uptown
- Bear Wallow Canyon drains into Oak Creek and running parallel to Schnebly Hill Road to the RV Park
- The north and east side of the CFA is characterized by deep canyons

## RECOMMENDATIONS

The Recommendations section of this CFA Plan includes goals, objectives, and strategies. The Sedona Community Plan is the Community Plan, with the goals of this plan taken from the Community Plan. The CFA objectives are statements describing the desired future (listed on the following pages) describe methods that will lead to achieving the goals and objectives. Two chapters of the Community Plan ("Parks, Recreation, and Open Space" and "Economic Development") however those topics are covered by the other categories below.

ENVIRONMENT	LAND USE	COMMUNITY	
<p><b>Community Plan Goals</b></p> <ul style="list-style-type: none"> <li>• Protect Oak Creek and its riparian habitat.</li> <li>• Reduce the impacts of flooding and erosion on the community and environment.</li> <li>• Protect and preserve natural open space.</li> </ul>	<p><b>Community Plan Goals</b></p> <ul style="list-style-type: none"> <li>• Reflect a unique sense of place in architecture and design.</li> <li>• Ensure harmony between the built and natural environments.</li> <li>• Create mixed use, walkable districts.</li> </ul>	<p><b>Community Plan Goals</b></p> <ul style="list-style-type: none"> <li>• Preserve and celebrate the community's history.</li> </ul>	<ul style="list-style-type: none"> <li>• Red...</li> <li>• occ...</li> <li>• Cre...</li> <li>• ables</li> </ul>
<p><b>CFA Objectives</b></p> <ul style="list-style-type: none"> <li>• Oak Creek is permanently protected in its natural state as a vital resource for the natural environment, community, and region.</li> <li>• Open space is a defining feature of the area, and preserved for its natural resource and scenic values.</li> </ul> <p>➤ See page 13-15</p>	<p><b>CFA Objective</b></p> <ul style="list-style-type: none"> <li>• A distinct identity unique to the area which reflects its rural, agricultural, and historical qualities.</li> </ul> <p>➤ See page 16-19</p>	<p><b>CFA Objective</b></p> <ul style="list-style-type: none"> <li>• The historic values that contribute to the character of the area are protected and interpreted.</li> </ul> <p>➤ See page 20</p>	<ul style="list-style-type: none"> <li>• A sy...</li> <li>• resi...</li> <li>• dest...</li> <li>• neigh...</li> <li>• is sa...</li> <li>• and</li> </ul> <p>➤ See</p>

## IMPLEMENTATION

This CFA Plan is an addendum to the Sedona Community Plan which provides the overarching vision for future development of the City. The CFA Plan provides a more specific vision and strategies for this area and is an important tool in the City's development review process that evaluates new construction, redevelopment, and renovations, including residential, commercial, and lodging development. This plan will be used by City staff, the City's Planning and Zoning Commission, and City Council when reviewing and evaluating proposed projects.

The CFA Plan is also a tool that can be used by property owners, developers, and residents preparing a development proposal. By using this plan as a guide when putting together a development proposal, the applicant will understand the community's vision for the area.

This plan provides policy direction to guide development, whereas the Land Development Code sets forth the requirements. To make some of these strategies possible, the City of Sedona may need to amend existing regulations and processes, such as elements of the Land Development Code. The City may also consider providing incentives to encourage the participation of private developers in implementing the CFA Plan's recommendations.

Implementation of the plan is likely to occur incrementally over time with property redevelopment, new development projects, and public infrastructure improvements. Whether it is a private developer, property owner, or a City of Sedona Capital Improvement Project, projects should be designed in alignment with the plan's recommendations.

To realize the vision set forth in this plan, contributions and participation from both public, private, and non-profit entities will be necessary. The public-private partnerships to be developed might include the provision of public benefits, or financial participation which could include, but not be limited to, assisting in the offset of costs associated with development plan elements,

capital improvements, or purchase of property to benefit. These community improvements or benefits are not limited to:

- permanent protection of the Oak Creek corridor
- trails, parks, and open space, and
- preservation of historic resources.

### Proposed Oak Creek Heritage District

To better enable new development projects to be consistent with the CFA Plan, a new zoning district is recommended. The District will offer options for multiple compatible uses that are suitable to the area's unique features than residential zoning will encourage creative site design that will protect and enhance cultural resources while strengthening the sense of place.

The new district will be an important tool in the implementation process and to facilitate the plan's implementation at the request of the landowner following the CFA Plan. The CFA Plan and the new district regulations (as well as the Land Development Code) will both apply to development projects.

Rezoning to the Oak Creek Heritage District will provide more flexibility by expanding their land use options. Property owners should also consider partnering with neighboring landowners to explore the development potential of their property. This is a community resource such as Oak Creek or petroglyphs. Coordination and cooperation among neighbors will be key to realizing the vision for this CFA Plan.

## Proposed Oak Creek Heritage District

The Oak Creek Heritage District is a new zoning designation that provides the means for a land use that exemplifies the distinctive natural and cultural values of this area. Those features that set it apart, such as Oak Creek, the hillsides, and the historic sites are all valuable assets that should be considered a highlight rather than a hindrance for property owners. Under this district, property can be developed in a manner that maintains the historic character, scenic views, and natural resources that are the defining features of this unique setting.

One objective of this district is to encourage development that will best protect Oak Creek and the surrounding riparian habitat. Coordinated and consolidated development allows for designs that can cluster buildings and preserve larger areas of connected open space. The alternative is small, individual building lots with more driveways and more fences that will fragment wildlife habitat and eliminate the scenic characteristics of the area.

This district would also diversify the City's lodging options by offering a variety of unique alternatives that are not the typical hotel experience. This is an ideal location for low intensity lodging where visitors can easily walk to the Uptown restaurants and shops and not contribute to traffic congestion.

Landowners with property in the CFA may voluntarily choose to rezone their property to the Oak Creek Heritage District to take advantage of this opportunity once the new zone district regulations are adopted. The City will assist landowners by facilitating the rezoning application process.

The new zoning district is being proposed as an option available only at the request of a landowner.

### Permitted Uses

#### Lodging:

- Lodging Density: not to exceed double the density of the property.
- For example, if the property was zoned for 20 houses per acre, the new zone would allow 40 lodging per acre.
- Lodging will be limited to no more than half acre to ensure a mix of land uses.
- Lodging styles supported include small detached inns, cottages, bungalows, and alternative structures and other similar permanent structures, but not tentlike structures.
- Lodging may have associated amenities and services.

#### RV Parks:

- RV Park Density: 8 sites/acre
- An RV Park is an outdoor facility designed for recreation, education, naturalist, or vacation structure designed as temporary living quarters for camping or travel use, which is either self-contained or drawn by another vehicle. Examples include travel trailer, camping trailer, fifth-wheel trailer, truck camper van.
- RV Parks are limited to the location of the existing RV Park at the adoption of the CFA Plan, covering 10 acres.

#### Agricultural uses:

- Gardens, nurseries, vineyards, orchards, and other agricultural uses.

#### Park and Recreation Amenities:

- Park amenities such as picnic tables, benches, and playground equipment.
- Trails
- Amenities may be publicly accessible or for private use.

### Proposed Oak Creek Heritage District, continued

#### Commercial:

- To limit traffic impacts, commercial development should be located on Schnebly Hill Road within 750 feet of the roundabout.
- Appropriate businesses may include restaurants, markets, offices, galleries, studios, and retail shops.

#### Single-Family Residential:

- Density: not to exceed the established residential zoning density of the property
- The housing must be clustered in order to preserve areas of open space.

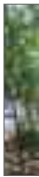
#### Multi-family Residential:

- Density: not to exceed established zoning density
- Increased density may be considered on a case by case basis when associated with community benefits, such as affordable housing, creek access, or agricultural uses.
- Multi-family housing may include duplexes, apartments, patio homes, courtyard bungalows, condos, or townhouses.
- The housing must be clustered in order to preserve areas of open space.

#### Accessory Uses:

- Employee, caretaker, or owner-occupied housing
- Spa, fitness, yoga, or other wellness studio
- Outfitter and guide services
- Outdoor recreation equipment supplies and rentals
  - Excluding motorized vehicle rentals
- Retail shop (gifts, gear, and supplies)
- Produce stand
- Café, bar, or restaurant

Examples of lodging accommodations:



### Proposed Oak Creek Heritage District, continued

#### Development Guidelines:

The CFA Development and Design Guidelines (pages 17-19) and all other CFA strategies are applicable to this district, in addition to the following.

- **Oak Creek Floodway:** All structures are to be located outside of the floodway. This will preserve the Creek's natural habitat, maintain the stormwater functions, and minimize flood damage.
- **Open Space Viewshed:**
  - A continuous corridor of open space along Schnebly Hill Road will preserve the viewshed from the road which is one of the defining features of the district.
  - Development may need to be clustered in order to preserve open space, including hillsides.
- **Habitat Preservation:**
  - Site design shall retain large native trees and as much of the natural vegetation as possible.
  - Open space should be uninterrupted and contiguous with open space and natural areas on adjacent properties.
- **Historic Features:** historic buildings and other historic resources should be preserved, adapted for reuse, and integrated with new development.
- Trails and pathways that connect across other properties are encouraged and will be publicly accessible, including the proposed Oak Creek creekwalk. Internal paths do not need to be publicly accessible.
- Limit the number of driveways off of Schnebly Hill Road by using existing driveways or private roads or sharing driveways wherever possible.
- Existing land uses would continue as non-conforming uses.



## APPENDIX A7

### LEED INDOOR WATER CALCULATOR ESTIMATE FOR 70 GUESTROOM DEVELOPMENT

# Sedona Oak Creek Heritage Lodge

## Water Usage Data and Calculations

***\*\*See LEED Indoor Water Use Calculation for details on baseline and daily water usage.***

	QTY
Total Number of Guest Lodges	70
Estimated Max # of Guests ( 2 per Lodge)	140
Average Annual Guest Lodge Occupancy Rate	80%
Average Daily Guests On Site	112
Average Daily Employees On Site	35
Estimated Daily Non-Guest Visitors	30
Total Daily Baseline Water Usage (gallons/day) **	4,565
Total Design Daily Water Usage (gallons / day) **	2,638
Operating Days per Year	365
Average pool fill per year (gallons)	5,236
Average spa fill per year (gallons)	898
Gallons per backwash (Pool)	262
Gallons per backwash (Spa)	45
Weeks per Year	52
Backwashes per week	0.5
Evaporation (in/day)	0.25
Evaporation (gallons/day)	187
<hr/>	
<i>Total Pool and Spa Fill (gallons / year)</i>	<i>6134</i>
<i>Total Pool and Spa Backwash (gallons / year)</i>	<i>7,982</i>
<i>Total Pool and Spa Evaporation (gallons / year)</i>	<i>68,068</i>
<b>Total Baseline Flow (gallons / year) **</b>	<b>1,666,152</b>
<b>Total Design Flow (gallons / year) **</b>	<b>962,830</b>
<b>Total Pool and Spa Water Consumption (gallons / year)</b>	<b>82,184</b>
<b>Total Net Water Savings (gallons / year)</b>	<b>880,646</b>

---

## Summary for Design and Construction Rating Systems

Note: All information on this tab is READ-ONLY. To edit, see the previous tab(s).

Group Name	Baseline Case (gallons/year)			Annual Flush Volume	Design Case (gallons/year)
	Annual Flush Volume	Annual Flow Volume	Annual Consumption		
Sedona Oak Creek Lodge	387,922.00	1,278,230.00	1,666,152.00	299,989.85	

Annual baseline water consumption (gallons/year)
Annual design water consumption (gallons/year)
Percent water use reduction (%)

---

Group name:

**Table: Project Information**

Enter project occupancy information. This information should be consistent with occupancy numbers used in other LEED credits.

**D) Non-default gender mix**

The default gender mix is half male and half female. If necessary, modify the Male and Female occupant type columns for non-default gender mix if the project is specifically designed for an alternative gender ratio or the project is expected to have alternative gender usage rates for the life of the building.

**L) The project includes ADA and/or gender-neutral bathrooms**

If the project includes separate gender restrooms and/or ADA restrooms without urinals, the LEED default assumption is that 5% of male occupants and 5% of female occupants use these restrooms. Enter 50% into the percent of males expected to use restrooms with urinals below. Alternatively, the project team can estimate this percentage based on the project's restroom layout/anticipated usage patterns or weighted feature counts.

Occupancy Type	Employees (FTE)	Visitors	Retail Customers	Students (K-12)	Residential	Other (specify)	Gender Ratio (%)
Total	36	36	0	0	112	0	50%
Male	18	18	0	0	56	0	50%
Female	17	18	0	0	56	0	50%

Determine the percent of males expected to use urinals (enter 100% if all male restrooms have urinals, 0% if the project contains no urinals, etc.)

Percent of males expected to use restrooms with urinals:

Enter the number of days the project is accessible to employees or FTE.

Annual days of operation:

**For projects with dual/flush toilets**

Enter the resulting flush rate into the design case flush rate section below.

Low-flush (gpf)	
Full-flush (gpf)	
LEED weighted average flush rate (gpf)	0.00

**Table: Flush Features**

1. Include the **Feature ID** that matches the information provided in the plumbing schedule.
2. Select the **Feature Family** and **Feature Type** installed on the project.
3. Enter the **Design Flush Rate** identified by the manufacturer. For dual flush toilets, use 100% to determine average flush rate.
4. Enter **Percent of Occupants** with access to the feature. If the feature is installed in all restrooms, use 100%.
5. If necessary, modify the **Total Uses per Day** column for non-default uses.

Feature Information			Flush Rate		Percent of Occupants (%)	Uses per Day					Total Daily Uses		Total Daily Water Use	
Feature ID	Feature Family	Feature Type	Baseline Flush Rate (gpf)	Design Flush Rate (gpf)		Employees (FTE)	Visitors	Retail Customers	Students (K-12)	Residential	Other	Default	Non-default (Optional)	Baseline (gallons)
WC	Toilet (male)	Low-Flow Water Closet	1.60	1.20	100	1.0	0.0	0.0	0.0	0.0	299.5		474.20	360.34
WC	Toilet (female)	Low-Flow Water Closet	1.60	1.20	100	3.0	0.0	0.0	0.0	0.0	338.5		541.80	430.28
UR	Urinal	Low-Flow Urinal	1.60	0.100	100	0.0	0.0	0.0	0.0	0.0	42.0		43.50	5.25
						0.0	0.0	0.0	0.0	0.0	0.0		0.00	0
						0.0	0.0	0.0	0.0	0.0	0.0		0.00	0
Baseline case annual flush volume (gallons/year)											387,822.00			
Design case annual flush volume (gallons/year)											269,880.00			

**Table: Flow Features**

1. Include the **Feature ID** that matches the information provided in the plumbing schedule.
2. Select the **Feature Type** installed on the project.
3. If necessary, modify the **Duration** column for non-default values.
4. Enter the **Design Flow Rate** identified by the manufacturer.
5. Enter **Percent of Occupants** with access to the feature. If the feature is installed in all restrooms, use 100%.
6. If necessary, modify the **Total Uses per Day** column for non-default uses.

Feature Information			Duration (sec)	Flow Rate		Percent of Occupants (%)	Uses per Day					Total Daily Uses		Total Daily Water Use	
Feature ID	Feature Type	Default (sec)		Baseline Flow Rate (gpm)	Design Flow Rate (gpm)		Employees (FTE)	Visitors	Retail Customers	Students (K-12)	Residential	Other	Default	Non-default (Optional)	Baseline (gallons)
PR	Private (residential) laundry (load)	60	2.20	0.0	100	0.0	0.0	0.0	0.0	0.0	860.0		1,222.00	498.00	
SR	Residential showerhead	60	2.50	1.5	100	0.0	0.0	0.0	0.0	1.0	112.0		2,240.00	1,344.00	
PL	Public laundry (commercial) (load)	30	0.80	0.4	100	0.0	0.0	0.0	0.0	0.0	126.0		36.00	24.00	
						0.0	0.0	0.0	0.0	0.0	0.0		0.00	0.00	
						0.0	0.0	0.0	0.0	0.0	0.0		0.00	0.00	
Baseline case annual flow volume (gallons/year)											1,278,284.00				
Design case annual flow volume (gallons/year)											682,640.00				

## APPENDIX A8

### VARIABLE REFRIGERANT FLOW (VRF) HVAC EQUIPMENT

## VARIABLE REFRIGERANT FLOW

## OPPORTUNITY

How much energy is used for heating, ventilation and air conditioning (HVAC) in U.S. office buildings?

**34%**  
**OF ENERGY**  
GOES TO HVAC<sup>1</sup>

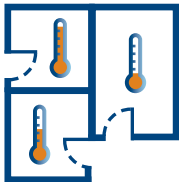
**3%**  
**OF U.S. OFFICE BUILDINGS RELY ON VRF<sup>2</sup>**  
PRIMARY HVAC SYSTEM IN EUROPE,  
JAPAN AND CHINA<sup>3</sup>

## TECHNOLOGY

How does VRF work?

**PROVIDES INDEPENDENT TEMPERATURE CONTROL**  
TO ROOMS THROUGHOUT BUILDING

**USES REFRIGERANT AS COOLING/HEATING MEDIUM;**  
SUBSTITUTING THIN PIPES FOR DUCTWORK



## M&amp;V

Where did Measurement and Verification occur?

**PACIFIC NORTHWEST NATIONAL LABORATORY** drew from a wide variety of sources to evaluate the performance of VRF for GSA buildings

## RESULTS

How did VRF perform in M&V?

**34%**  
**ENERGY SAVINGS**  
PROJECTED RELATIVE TO CODE-COMPLIANT HVAC<sup>4</sup>

**THIN PROFILE**  
ADVANTAGEOUS IN HISTORIC BUILDINGS WITH LIMITED ROOM FOR DUCTWORK<sup>5</sup>

**COST-EFFECTIVE**  
WHEN THE PREMIUM IS < \$4/SQ.FT. COMPARED TO CODE-COMPLIANT HVAC<sup>6</sup>