

LANDTECH

LANDSCAPING FOR YOUR FUTURE



Recommendations for
Cactus Park Estates

4 STAGE PROCESS

Your landscape management program is broken down into 4 crucial stages.
It is key to our success to work together through these steps as a team.

1. IMPROVE

maintenance techniques by utilizing knowledge and experience to maximize aesthetics while minimizing your resources

2. REDUCE

spending by analyzing and modifying the current landscape budget to best accommodate your individual goals and priorities

3. PLAN

and invest for your future by completing improvement projects that will increase your property value

4. HELP

you sustain the process with discipline by repeating steps 1-3 with the goal to always continue to learn, improve and evolve.

4 STAGE PROCESS

STAGE 1

Improve Maintenance Techniques

- Irrigation
 - Sprinkler Coverage
 - Clock Programming
 - Minor adjustments
 - Seasonal Adjustments
 - Precipitation Rates
- Grass
 - Weed control programs
 - Seasonal nutrient applications
 - Aerate and dethatch
 - Mowing
- Plants
 - Treat each species differently
 - Seasonal cutbacks
 - Natural pruning to promote flowers
- Trees
 - Complete Trimming Plan
 - Correct tree stakes
- Rock
 - Blow, rake and evenly disperse existing material

STAGE 2

Reduce Spending

- Irrigation
 - Complete irrigation inspection
- Grass
 - Turf conversions causing damage or waste
- Plants
 - Selective removal
- Trees
 - Remove dangerous & unsightly trees
- Rock
 - Erosion and drainage projects
 - Trip hazards

STAGE 3

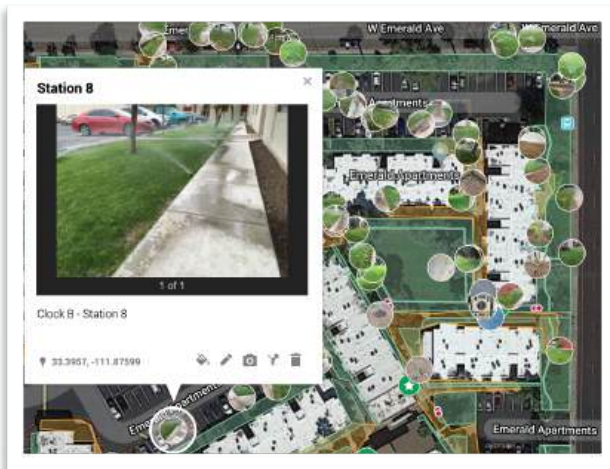
Plan and Invest

- Irrigation
 - Phased system replacement
 - Upgrade controllers
 - Re-engineering and upgrading
- Grass
 - Turf conversions for aesthetics
 - Turf additions
- Plants
 - Replacements
 - Installs
- Trees
 - Selective removal and replacement plans
- Rock
 - Replenishment plans

When we start as your landscape manager, we will perform an in-depth irrigation inspection. This will help all of us understand the current condition of your irrigation system, components, and its ability to efficiently meet the watering needs of all plants and trees on your property

Based on the information gathered from our inspection, we put together a comprehensive list of recommendations to ensure your system operates as efficiently as possible. These solutions are designed to keep your landscape healthy while reducing wasteful spending.

- List of Recommendations
- Pictures & Locations
- Project Estimate
- Return on Investment
- Upgrades to Technology
- Redesigns & Retrofits
- Future Management Tools



480-249-3555

PROBLEM

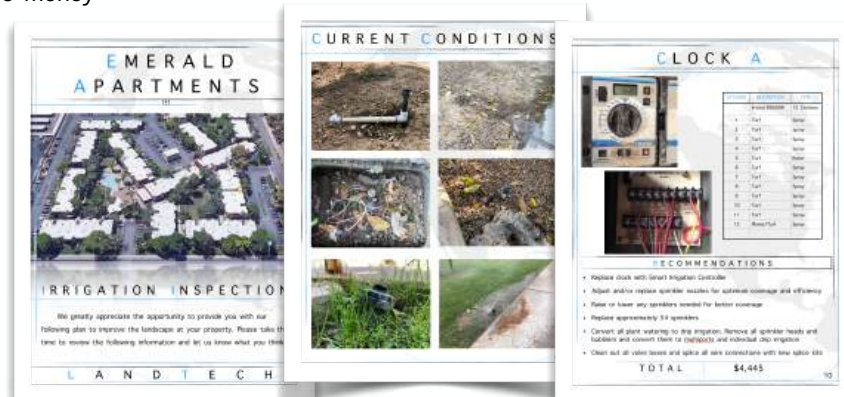
Water is the largest expense for every landscape

SOLUTION

A complimentary irrigation inspection and recommendation to reduce water usage

RESULT

Execute the recommendations through a collaborative plan to reduce water and save money



INSPECTION PROCESS

MAINLINES

Meters
Backflows

CLOCKS

Age & Condition
Display & Operation
Electrical Outputs
Programming
Manual and Automatic Operation

VALVES

Boxes/Enclosures
Flow Control & Diaphragm
Solenoid/Wiring Connections
Manual and Automatic Operation

GRASS

Sprinkler & Nozzle Size
Coverage & Distribution
Leaks & Function
Precipitation Rates
Overspray
Leaks
Water Waste
Age & Condition

PLANTS & TREES

Application Rate
Leaks
Emitter Size & Location
Efficiency
Coverage

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IRRIGATION - STAGE 1

IMPROVE maintenance techniques by utilizing knowledge and experience to maximize aesthetics while minimizing your resources



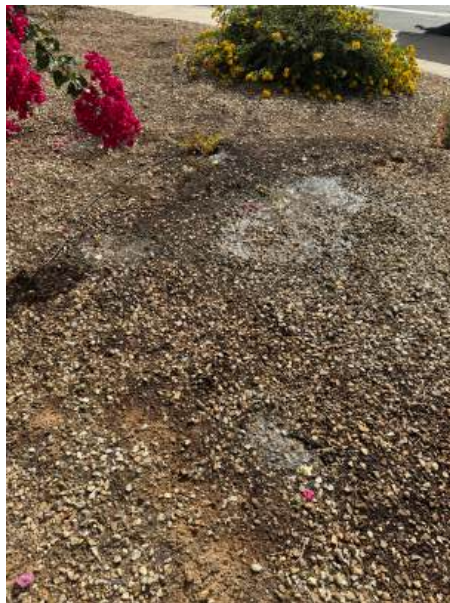
Work with the city to ensure there is proper programming and sprinkler coverage in grass areas and drip to plants.

IRRIGATION - STAGE 2

REDUCE spending by analyzing & modifying the current landscape budget to best accommodate your individual goals & priorities



After inspecting your property,
we recommend coordinating with the city to perform a complete detailed irrigation assessment.



IRRIGATION - STAGE 2

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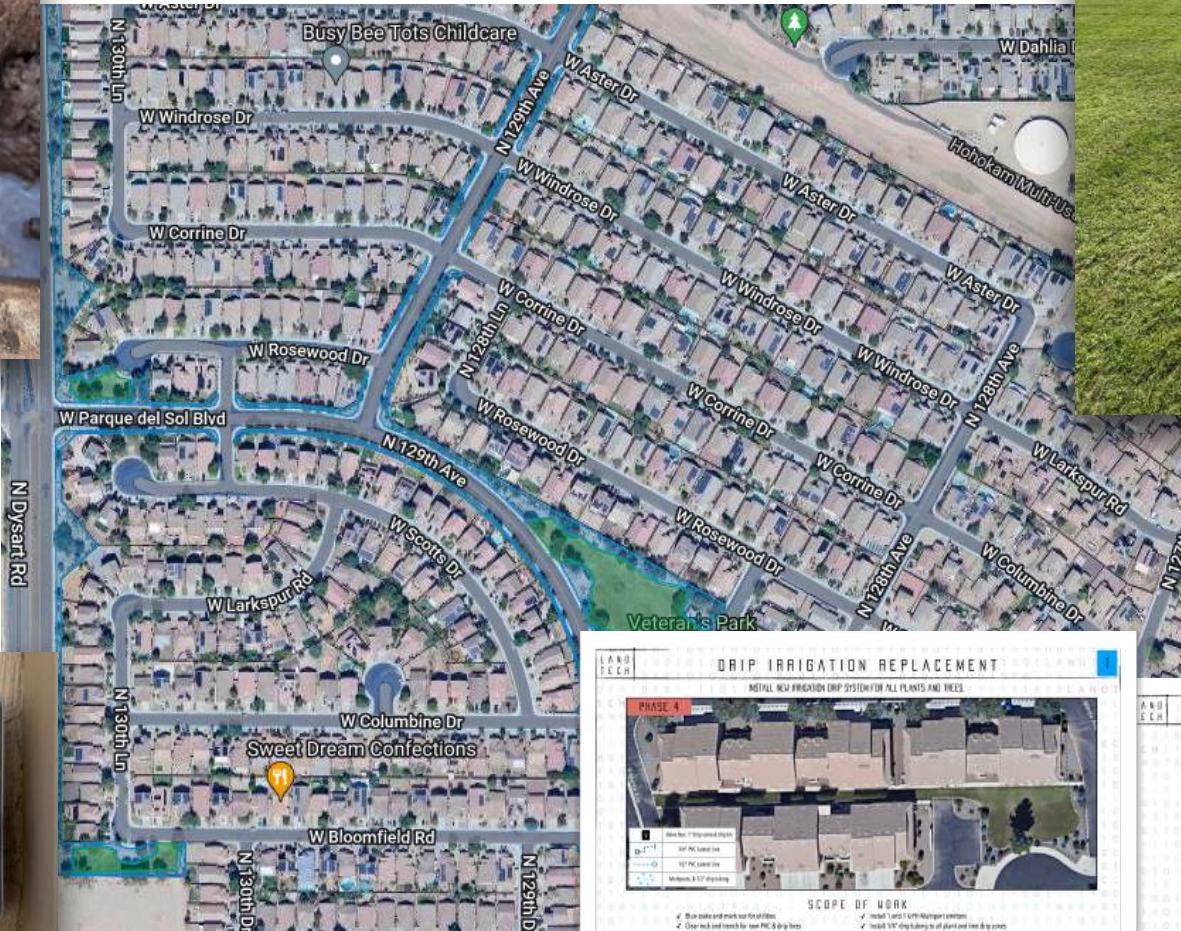


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IRRIGATION - STAGE 3

PLAN and invest for your future by completing improvement projects that will increase your property value

Work with the city to build phased replacement or re-engineering of old, damaged, or outdated irrigation system to more efficiently support the needs of the landscape.



DRIP IRRIGATION REPLACEMENT

PROJECT PHASES

| # | AMOUNT | SCHEDULE | # | AMOUNT | SCHEDULE | # | AMOUNT | SCHEDULE |
|---|---------|----------|----|---------|----------|----|--------|----------|
| 1 | \$1,360 | 2021 | 4 | \$1,650 | 2021 | 7 | 12 | 12 |
| 2 | \$1,820 | 2024 | 5 | \$1,910 | 2025 | 8 | 16 | 16 |
| 3 | \$1,304 | 2024 | 6 | \$1,910 | 2027 | 9 | 5 | 5 |
| 4 | \$1,360 | 2025 | 10 | | | 10 | 10 | 10 |

GREEN GRASS

Grass is one of the most important parts of any landscape. Our intense grass management program will produce results.



ALL INCLUSIVE PROGRAM

Grass requires proper irrigation, soil, nutrients and sunlight to grow healthy and green. We've built a program to include all of these.

- Soil Tests
- Nitrogen
- Phosphorous
- Potassium
- Soil Amendments
- Wetting Agents
- Iron
- Acid/PH/Salt Treatments
- Weed Control
- Insecticide
- Fungicide
- Aeration
- De-thatching
- Scalping
- Over-seeding
- Set Mow Heights



GRASS - STAGE 1

IMPROVE maintenance techniques by utilizing knowledge and experience to maximize aesthetics while minimizing your resources



All-Inclusive turf care program with proper mowing techniques, seasonal nutrient applications, aeration and dethatching, proper and weed control programs

GRASS - STAGE 2

REDUCE spending by analyzing & modifying the current landscape budget to best accommodate your individual goals & priorities



Build plan for **converting** turf to areas that are causing damage or waste.



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PLANT MANAGEMENT

An important part of managing your landscape assets is monitoring plant inventories. Over time, loss and maturity is to be expected. Understanding and budgeting for a reasonable amount of plant replacement is key to improving your property and staying up to date with modern plant palettes and design standards.



COLOR



HEALTH



PROPERTY VALUE



DIVERSITY



AESTHETICS



A landscape containing attractive plants increases property value and aesthetic appeal.

PLANTS - STAGE 1

IMPROVE maintenance techniques by utilizing knowledge and experience to maximize aesthetics while minimizing your resources



Treat each species differently based on their specific needs at all times of the year. Performing the proper maintenance at the right time of year based on species showcases the intended variety and diversity of the landscape as a whole.



PLANTS - STAGE 1

IMPROVE maintenance techniques by utilizing knowledge and experience to maximize aesthetics while minimizing your resources



Perform [seasonal cutbacks](#) to ensure a healthy growing season for plants. Seasonal cutbacks also increase the sustainability of the plants by reducing their water requirements and regulating the size of the plant for the space they are in.



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PLANTS - STAGE 1

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Perform **natural pruning** to promote flowers and keep the plants looking natural, yet contained and cared for.
Over trimming stresses plants and results in dense, woody interiors, and ultimately reduces the lifespan of the plant.



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PLANTS - STAGE 2

REDUCE spending by analyzing & modifying the current landscape budget to best accommodate your individual goals & priorities



Remove select plants that are unsightly or have outgrown their space / lifespan.
Create a sustainable plant pallet to avoid future loss and improve aesthetics.



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PLANTS - STAGE 3

PLAN and invest for your future by completing improvement projects that will increase your property value



Build **plant replacement** plan for bare areas where plants have been lost or removed.



PLANTS - STAGE 3

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Upgrade monuments, entrances, and corners to improve consistency, aesthetics, and curb appeal.



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TREE MANAGEMENT

We create a personalized tree management program designed for each property's individual needs.

Outside of the included tree trimming plan, we proactively inspect your trees and propose any additional services necessary (removals, replacements, installs, etc.) to keep your trees healthy and your property looking it's best!



ALL INCLUSIVE PROGRAM

We focus on the safety and longevity of your assets through proper pruning, nutrition, and preventative treatments.

- Remove diseased, dead, and damaged branches
- Perform thinning, reduce size, weight, liability
- Improve stability, structure and sustainability
- Aesthetic appeal, ground clearance, visibility
- Sustain natural shape and landscape design
- Allow light to filter through to interior branches
- Avoid breakage/unforeseen emergency corrections
- Competing limbs, crossed or rubbing branches

TREE INVENTORY: Sample Property

| TREE ID | SPECIES | SIZE | TRIMMING DETAIL | FERTILIZATION |
|---------|-----------|------|---|---------------|
| 1001 | Palo Brea | L | Seasonal trim, keep elevated above parking and walkways | Bi-annually |
| 1002 | Palo Brea | M | Seasonal trim, keep elevated above parking and walkways | Bi-annually |
| 1003 | Palo Brea | S | Seasonal trim, train structure | Bi-annually |
| 1004 | Palo Brea | S | Seasonal trim, train structure | Bi-annually |
| 1005 | Palo Brea | M | Seasonal Trim, keep clear for traffic | Bi-annually |
| 1006 | Siso | L | Seasonal trim, maintain for building signage | Bi-annually |
| 1007 | Siso | L | Seasonal trim, maintain for building signage | Bi-annually |
| 1008 | Siso | L | Seasonal trim, maintain for building signage | Bi-annually |
| 1009 | Siso | L | Seasonal trim, maintain for building signage | Bi-annually |
| 1010 | Mesquite | M | Seasonal trim | Bi-annually |
| 1011 | Mesquite | L | Seasonal trim | Bi-annually |
| 1012 | Mesquite | L | Seasonal trim | Bi-annually |
| 1013 | Mesquite | L | Seasonal trim | Bi-annually |
| 1014 | Pine | M | Light trimming, watch for stress | Annually |
| 1015 | Pine | M | Light trimming, watch for stress | Annually |
| 1016 | Pine | M | Light trimming, watch for stress | Annually |

L A N D T E C H

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TREES - STAGE 1

IMPROVE maintenance techniques by utilizing knowledge and experience to maximize aesthetics while minimizing your resources



All-inclusive tree trimming:

Remove diseased, dead, and damaged branches
Improve stability, structure and sustainability

Thinning, reduce size, weight, liability
Aesthetic appeal, ground clearance, visibility



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TREES - STAGE 2

REDUCE spending by analyzing & modifying the current landscape budget to best accommodate your individual goals & priorities



Build plan to **remove** dangerous and unsightly trees and stumps to improve safety, clearance, visibility, and aesthetic appeal.
Remove crowded, dwarfed, or competing trees to ensure there is proper space to reach a healthy, mature size.



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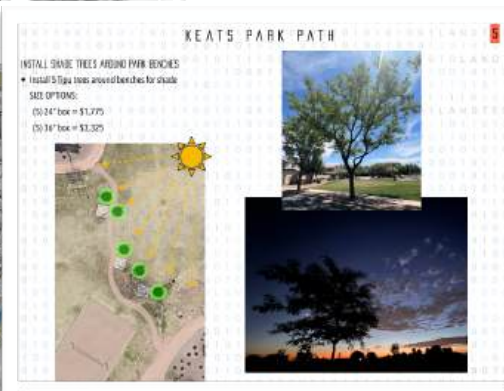


TREES - STAGE 3

PLAN and invest for your future by completing improvement projects that will increase your property value



Build **replacement** tree plans to improve aesthetics and sustainability.



LAND
TECH

TREE REPLACEMENTS

NO. 10

4

OAK

DESERT WILLOW

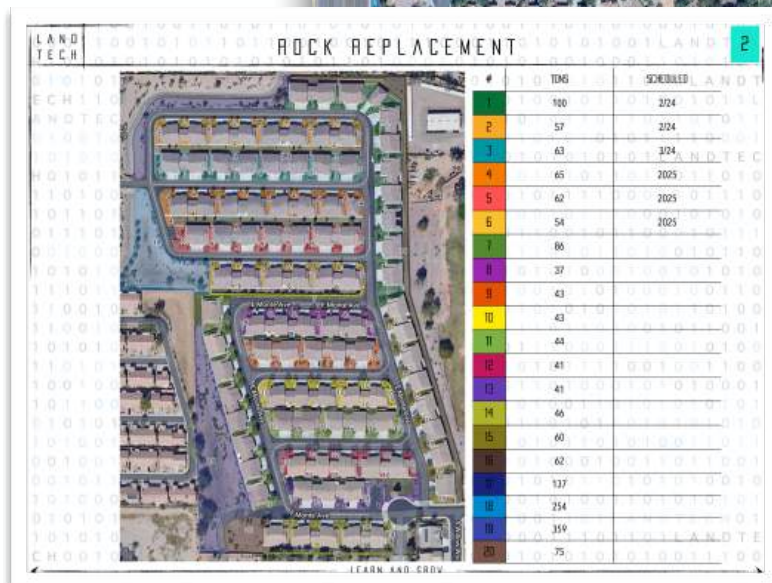
| REMOVAL PHASE | QUANTITY 11' | 50% 20'5" | | 25% 30'5" | | 36'5" |
|---------------|--------------|-----------|-----------|-----------|----|-------|
| | | \$ | \$ | \$ | \$ | |
| A | 32 | \$ 7,585 | \$ 13,135 | \$ 24,605 | | |
| B | 23 | \$ 4,715 | \$ 8,165 | \$ 15,795 | | |
| C | 17 | \$ 3,485 | \$ 6,035 | \$ 11,305 | | |

LEADS AND GROW

P. 10

ROCK MANAGEMENT

Rock and is an asset that slowly diminishes over time. If not planned for, this can be an unexpected large expense. We will help you plan to build and phase rock replenishment before it becomes an urgent issue.



ROCK MANAGEMENT

Rock and mulch is an asset that slowly diminishes over time. If not planned for, this can be an unexpected large expense. Plan to phase rock replenishment on a scheduled basis, before it becomes an urgent issue.

Maintain granite areas to a fresh and neat appearance with proper blowing and raking techniques, and chemical weed control. Build plans to address erosion and drainage issues, and potential trip hazards of granite and curbing throughout the property. Build plans to replenish areas where the rock is sparse to improve uniformity and aesthetics and control drainage.



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AMENITIES

IMPROVE maintenance techniques by utilizing knowledge and experience to maximize aesthetics while minimizing your resources



Maintain **common area** amenities including trash cans, dog stations, and tot lots.

Dispose of refuse and refill receptacles as needed.

Ensure landscape around playground, club houses and pools are clean and raked/blown.

