

***Maintainability Drives  
Sustainability in Your  
Landscape***



**MONARCH**  
ENVIRONMENTAL

# We are a Third Party Horticulture Consulting Firm

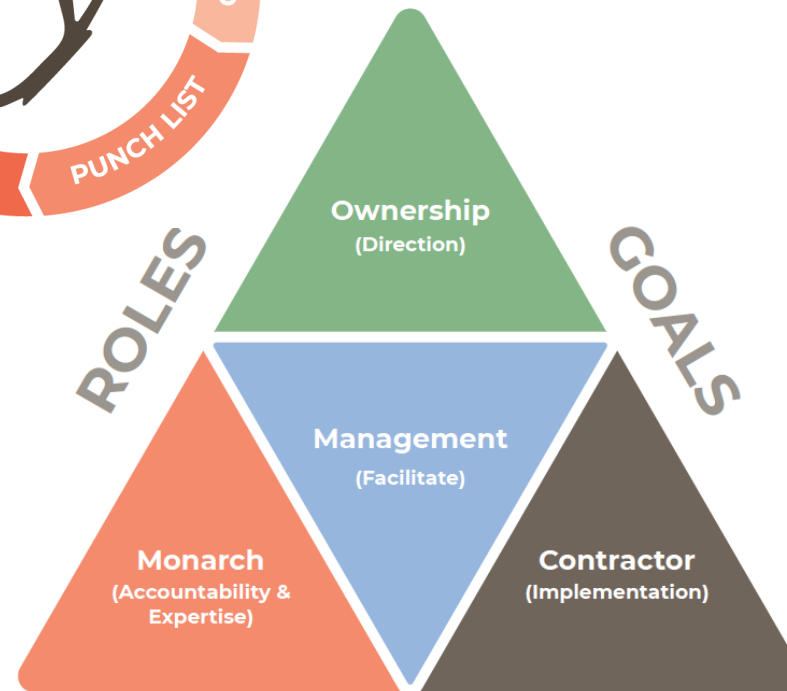
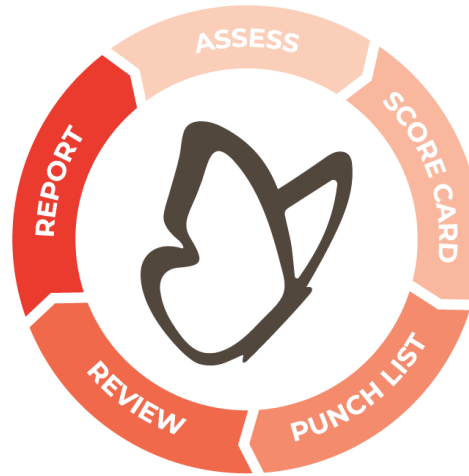
*Serving Homeowner Associations in Southern California Since 2008*

## Services

- Contract Management
- Arborist Consulting
- Water Management
- Project Oversight
- RFP Services
- Landscape Assessments

## Benefits

- Increase Landscape Efficiencies
- Increase Vendor Accountability
- Streamline Cost
- Establish Landscape Game Plan
- Reduce Vendor Turnover



**RESPONSIBILITIES**



# Goal

To explain how to effectively build a team and finance the dream without creating a maintenance nightmare.



“You cannot  
give away  
what you  
don’t own”

**BUILD A TEAM**





A pair of glasses with a dark frame is positioned in the foreground, resting on a wooden surface. The lenses of the glasses are clear and reflect a forest scene, showing a path leading through trees. The background of the entire image is a blurred forest path, creating a sense of depth and focus on the glasses. The overall color palette is dominated by natural greens and browns, with a soft, slightly desaturated aesthetic.

**CREATE A  
VISION**



MAKE A PLAN





**PLANNING**

**IMPLEMENTATION**





IF IT IS IMPORTANT TO YOU IT WILL BE  
IMPORTANT TO THE CONTRACTOR

LOWER WATER USAGE  
REDUCE GREEN WASTE  
REDUCE NOISE  
REDUCE COST

WHO IS ON THE  
TEAM?

WHO IS THE  
QUARTBACK?

WHO IS THE  
EXPERT?





**CREATE A  
VISION**

**REDUCE WATER  
USAGE BY 50%**

**STABILIZE**

**RISING**

**LANDSCAPE**

**COST**

**INCREASE**

**BEAUTY**





HOW MUCH  
WILL IT COST  
TO REDUCE  
WATER  
CONSUMPTION  
BY 50%



HOW MUCH  
WILL IT COST  
TO RENOVATE  
OUR SLOPES?






WHAT IS MY  
BUDGET?



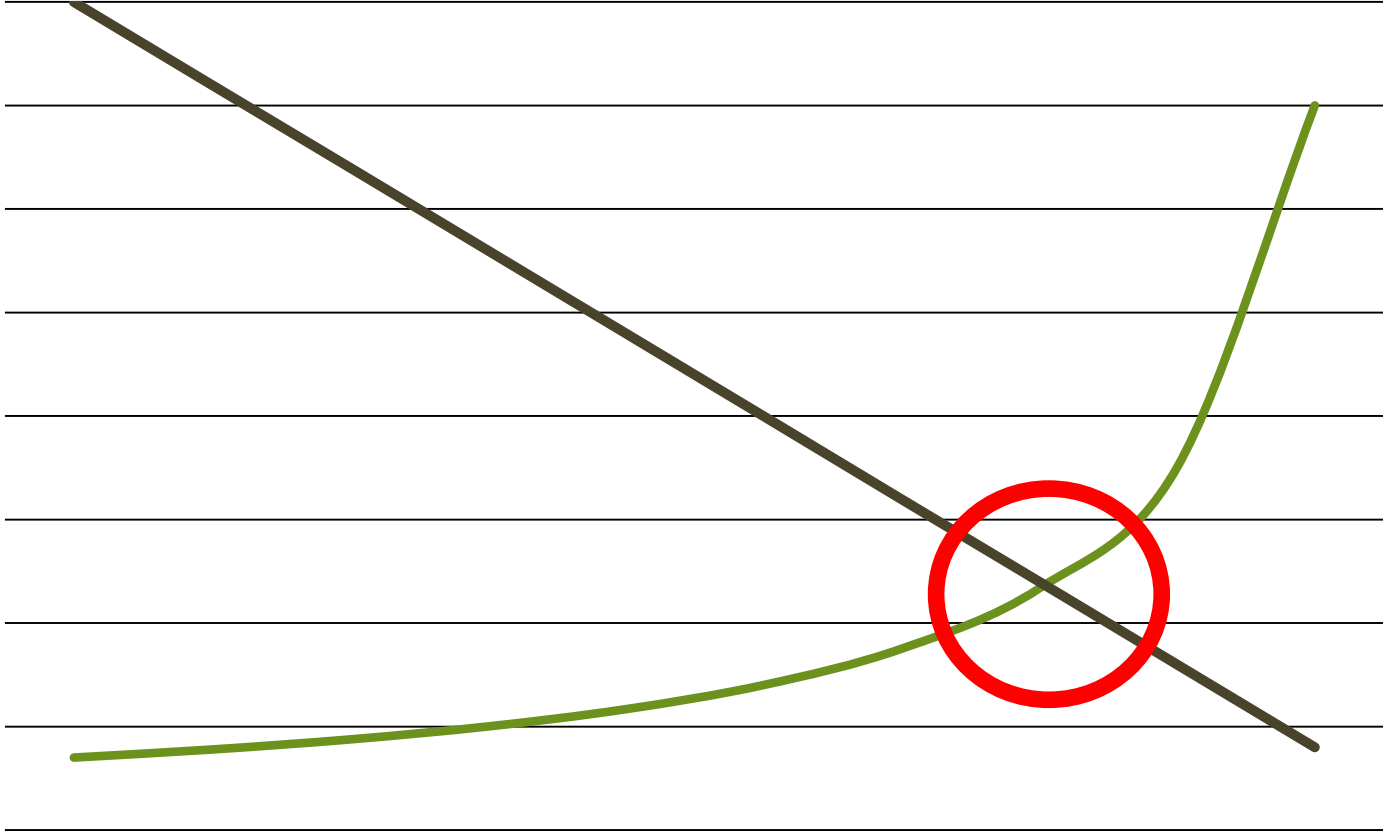
START SMALL  
BRAG  
REPEAT



- 
- ▶ 80% turf in 1970
  - ▶ 25% turf in 2000
  - ▶ 10% turf in 2015
  - ▶ Design obligations
    - ▶ Drought conditions
    - ▶ Existing soils
    - ▶ Climate
    - ▶ Address Orange County Fire Authority concerns



# THE SUSTAINABILITY MAINTAINABILITY NEXUS





# WHEN TO CUT GRASSES







# HOW TO TRIM CARPET ROSES 80/20





# Tips Monarch

1. Establish Expectations
2. Embrace Change
3. Understand and Implement Watering Requirements
4. Not All Low Water Plants Like Drip Irrigation
5. Low Water Does NOT Always mean Low Labor
6. Replacement Budgets are a Must
7. Timing Matters

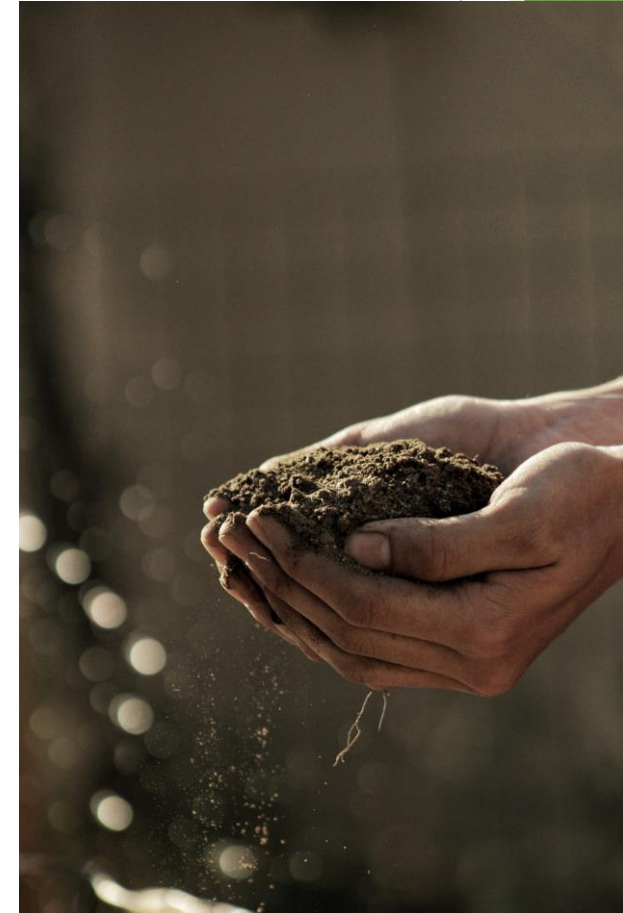


# Water Management

Who is Responsible?

Are They Qualified?

What Does the Contract Say?





# Irrigation Management

## Conduct Bi-Monthly Irrigation Inspections

Issues & recommendations

Repairs

Retrofit opportunities





# Need Assistance

Reach Out To Public Agencies  
Water Efficiency or Conservation Teams

Free Site Visits

Landscape specialists

Landscape evaluations or audits

Here to assist HOA's educate residents



Single Family Home

Attached Home  
Condo

Apartments



1300 Square Feet  
Landscape Area



435 Square Feet  
Landscape Area



No Landscape

# Landscape & Irrigation Training

## Workshops

Irrigation & landscape training for professionals landscapers

Public and private companies

English & Spanish training

## Certification programs:

Irrigation Association

California Landscape Contractors Association

Qualified Water Efficient Landscaper (QWEL)

CNPS Certified Native Landscape Specialist (CNLS) Program





**MONARCH**  
ENVIRONMENTAL

***THANK YOU!***