This presentation premiered at WaterSmart Innovations

watersmartinnovations.com



Developing Collaborative Relationships for Conservation Projects



WISE INVESTMENT. ATTRACTIVE RETURNS.

aka... A Collaborative Model for Healthy Landscapes

Project Team













Earth Expressions

Landscape and Maintenance cultivating Earth to meet the needs of our customers"

Affiliated Associations & Agencies



Introductions

Your Presenters....

Steve Moorhead, Water Returns Eric Moroski, Weisburg Landscape Maintenance David Finch, H2O Landscape Management Kyle Katsos, Earth Expressions

And Now About Our Participants...

Ground We'll Cover

Context, Organization & Process for Real Change
 Protecting the Investment & Growing the Return
 Outcomes Achieved To Date
 Tackling Your Challenges & Opportunities

Context, Organization & Process for Real Change

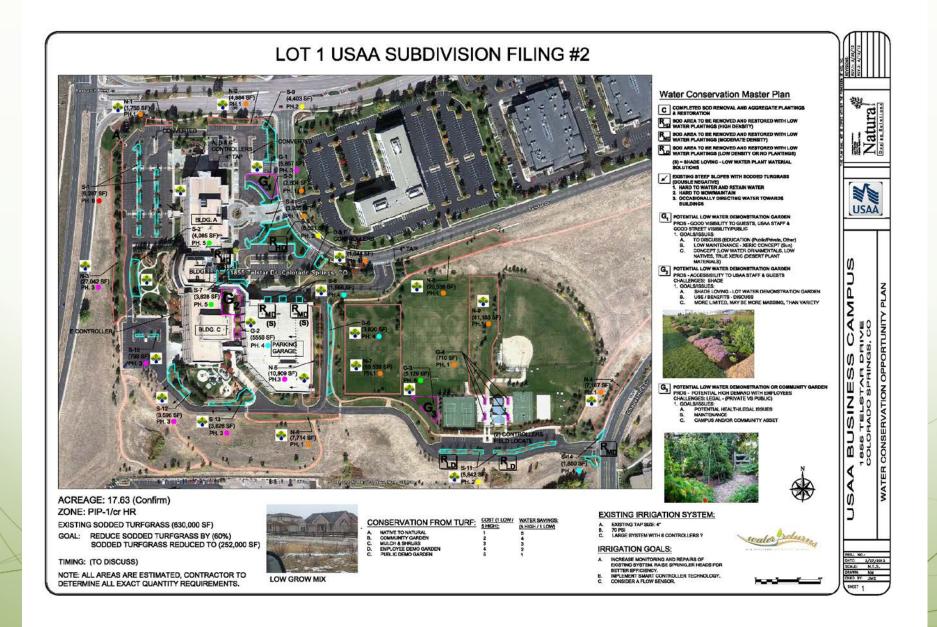


Real Change - Context

Environment, Supply & Demand
Regional, State & Local Initiatives
Local Incentives
Labor Pool
USAA Values, Vision & Leadership
The Property

USAA understands and values the importance of sustainable landscape practices and the impact corporations can have by setting the example through responsible use of our natural resources.

> Roger Lage Director Workplace Services USAA Colorado Springs Office























Real Change - Organization Facilitating Agent Sustainable Organizational DNA Integrate into Very Competitive Industry **Protect Owner Interests & Intentions Understand Contractor Perspective &** Interest Independently Facilitate Collaborative Assessment, Planning & Implementation

Facilities organizations have a limited bandwidth (resources), therefore facilitating these changes is difficult to execute. The development of a plan with trusted third party providers to execute the vision allows the needed changes to take place.

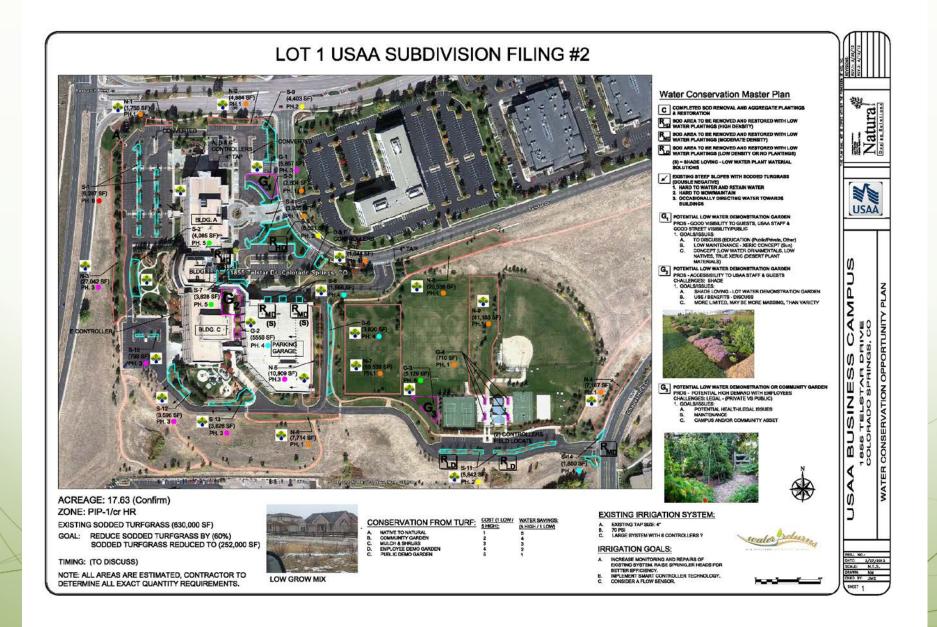
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Real Change – Process Xeric Conversions – Assessment (Summer 2011)

Independent Baseline Assessment
 Assessment Worksheets
 Scope of Assessment

Real Change – Process Xeric Conversions – Planning (Fall 2011 – Spring 2012)

Integrate Vision & Assessment Findings
 Maintenance Costs/Savings; Xeric or Not
 Phased Master Concept Plan & Budget
 Phase 1 Construction Drawings
 Proactive City Plan Review Involvement



Real Change – Process Xeric Conversions – Implementation (Summer 2012 & 2013)

Proposal Solicitation & Contract Negotiations
 Sustainable Product & Performance Standards
 Proactive Project Inspections

Protecting the Investment & Growing the Return –

New Maintenance Model



New Maintenance Model – Factors

Achieve Longterm Goals & Protect Investment
Size of Property & Scope of Services
Single General vs Multi Specialized Contractors
Care, Health, Aesthetics & Water Savings
Communication, Coordination & Role Clarity

New Maintenance Model – Process (Fall 2014 – Summer 2016) Grounds, Irrigation, Trees & Demo Gardens Fertigation Separate & Complimentary SOWs & Standards **Invitation & Selection Criteria** Separate Pre-Bid Site Visits & RFP Revisions **Bid Groupings & Contractor Selection**

New Maintenance Model – Process (continued)

Team Building

Joint Assessments (Owner & Contractor)
 Assessment Findings & Recommendations
 Condition, Action Plan & Project Priorities
 Communication & Coordination

... all the participating contractors have a drive to succeed and help each other out. There is actually comfort in knowing someone knowledgeable has your back, especially Water Returns who ring leaders us all.

> Eric Moroski Partner/Owner Weisburg Landscape Maintenance

... builds relationships and alliances within the industry and allows each company to stay focused on their line(s) of expertise... to ensure a healthy landscape on the USAA campus.

> Dave Carpenter Owner Tall Timbers Tree & Shrub Service

Outcomes Achieved To Date

Outcomes to Date – Service Areas Grounds

Upgraded Sports Fields Health & Appearance

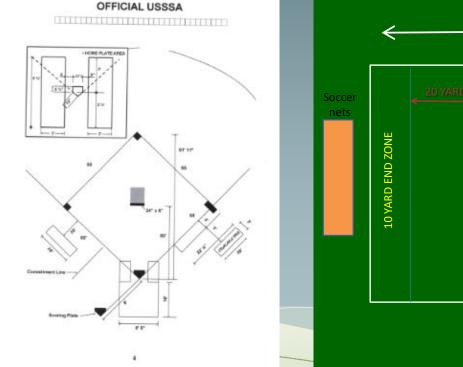
June 2013

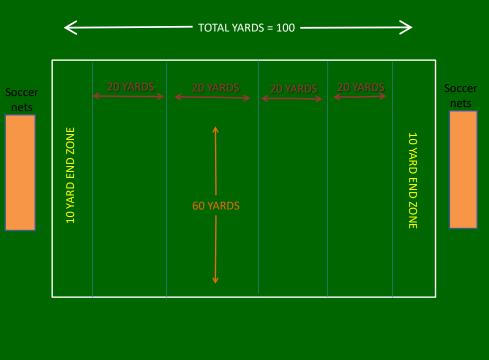
June 2017



Outcomes to Date – Service Areas Grounds

Improved Sports Field Management Within Budget





Outcomes to Date – Service Areas Grounds

Improved Safety & Aesthetics of Child Development Center



Outcomes to Date – Service Areas Irrigation

- Major relocation, rewiring & organization of 3 irrigation clocks covering 100 zones
- Installation of remotes
- Diligent leak identification and repair & timing of winterization saving \$000.

Outcomes to Date – Service Areas Irrigation

Relocation, Rewiring & Organizing 3 Irrigation Clocks



Outcomes to Date – Service Areas Irrigation

Controlling the Controllers





Outcomes to Date – Service Areas Trees

Inventoried, diagnosed & implemented first two of 3 year cycle of holistic care, pruning, spraying, deep root watering & feeding and (as needed) removal & replacement program for over 500 trees.







The trees have never loved life so much as they have over these last couple years.

Roger Lage Director Workplace Services USAA Colorado Springs Office

Outcomes to Date – Service Areas

Demonstration Gardens

Completed meticulous inventory, diagnosis, care, watering & selective replacement of over 50 species of perennials, grasses, trees, ground covers and other shrubs in Demo Gardens

Created Soil Building Mulch Rings saturated w/Compost Tea.











Great value has been realized by the detailed gardener level focus being given to the Demonstration Gardens – the degree of improvement to its care and appearance is unmatched.

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Outcomes to Date – Strategic

Converted 4.4ac of KBG to Native Grass
Reduced Water Use 35% Annually for 4yrs
28,000sf Demo Garden w/over 50 Xeric Species
Reduced Water Use 25% w/Maintenance Model
Far Better Service & Condition of Landscape

Tackling Your Challenges & Opportunities

Working Together to Apply, Measure, Improve & Promote the Benefits of Sustainable Practices used in the Installation and Ongoing Maintenance of Landscapes.

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