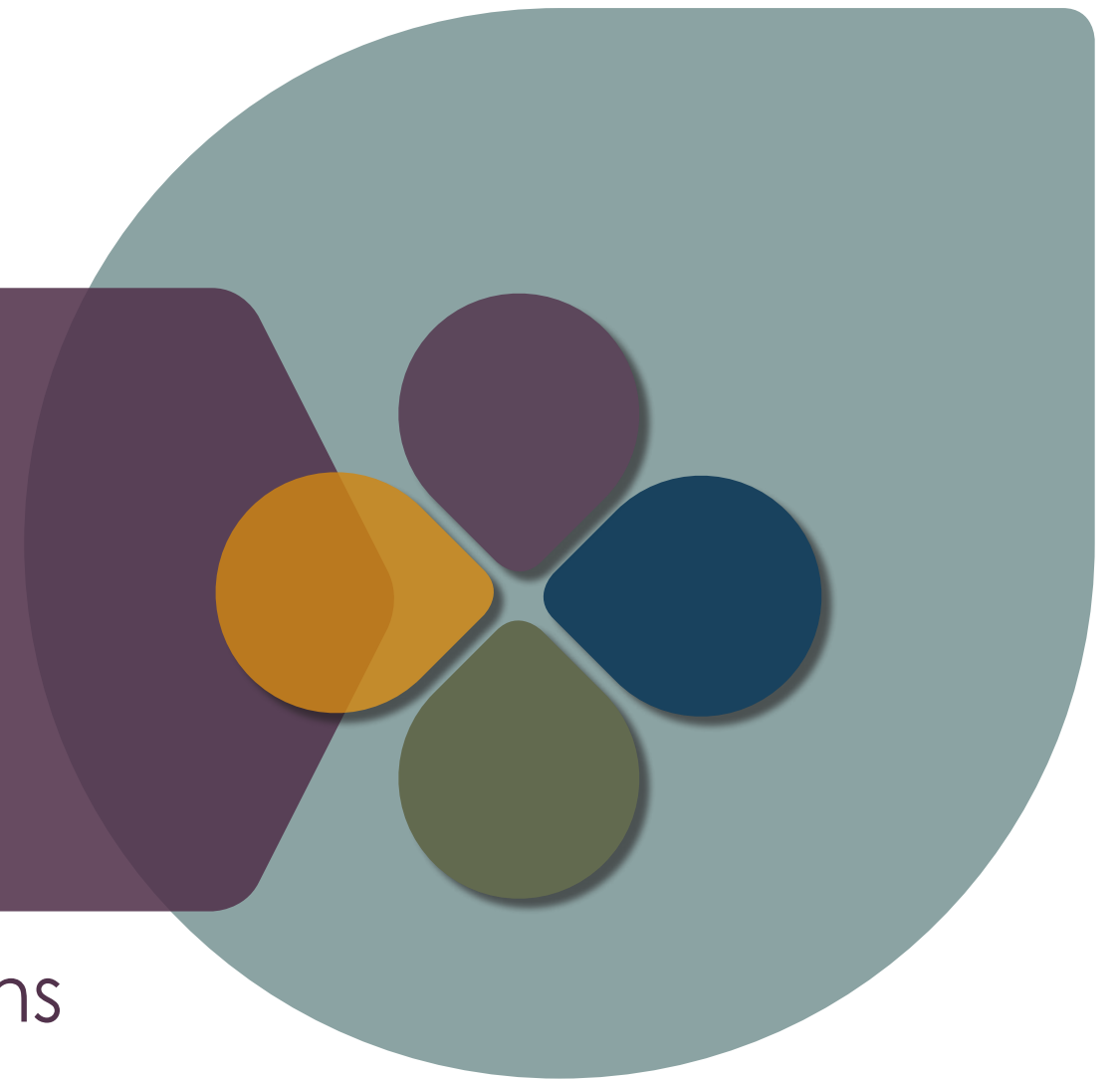




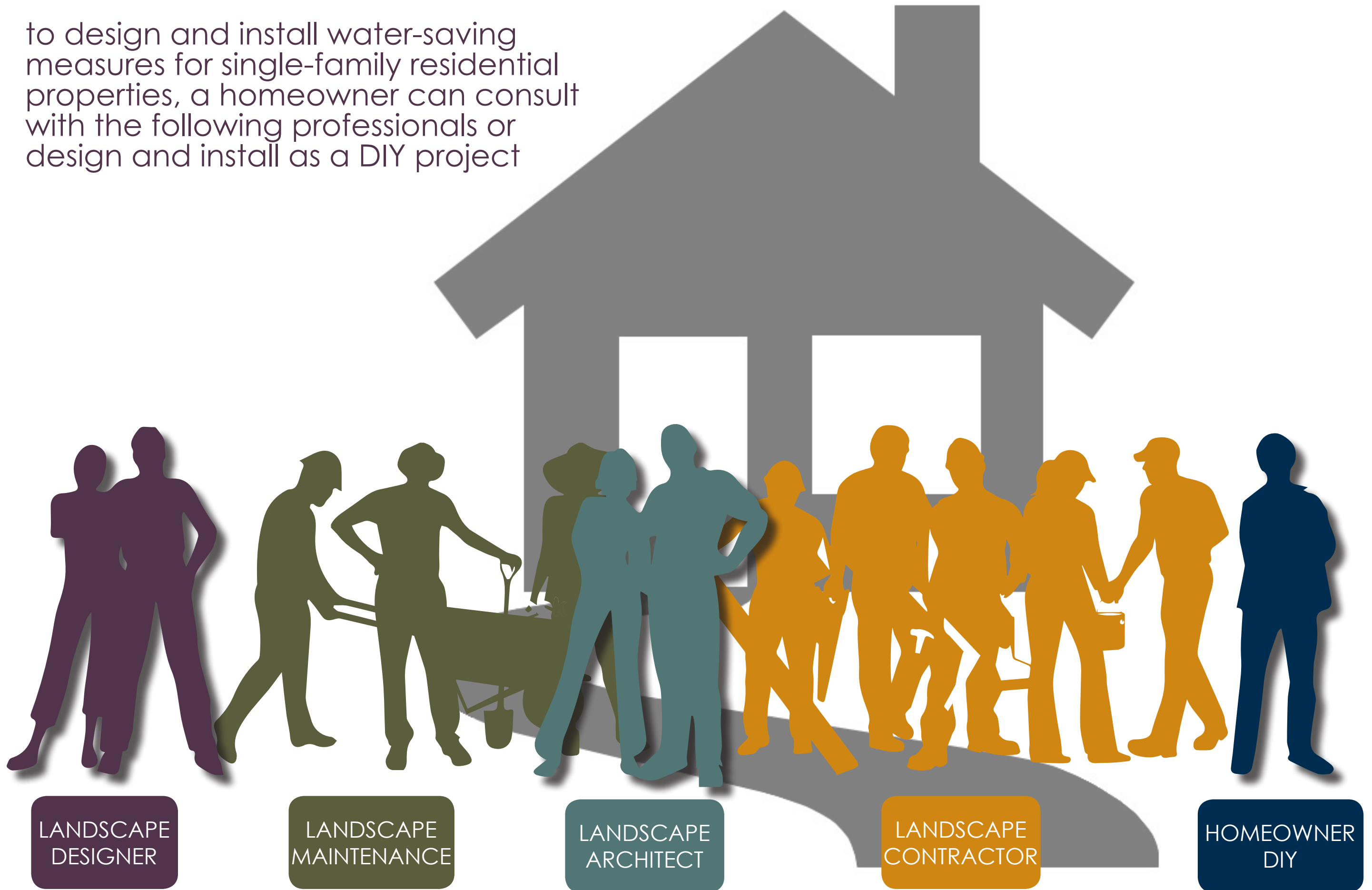
Prepared by NUVIS Landscape Architecture for
**California Council of the
American Society of Landscape Architects**

A HOMEOWNER'S GUIDE TO SELECTING A LANDSCAPE PROFESSIONAL FOR WATER CONSERVATION

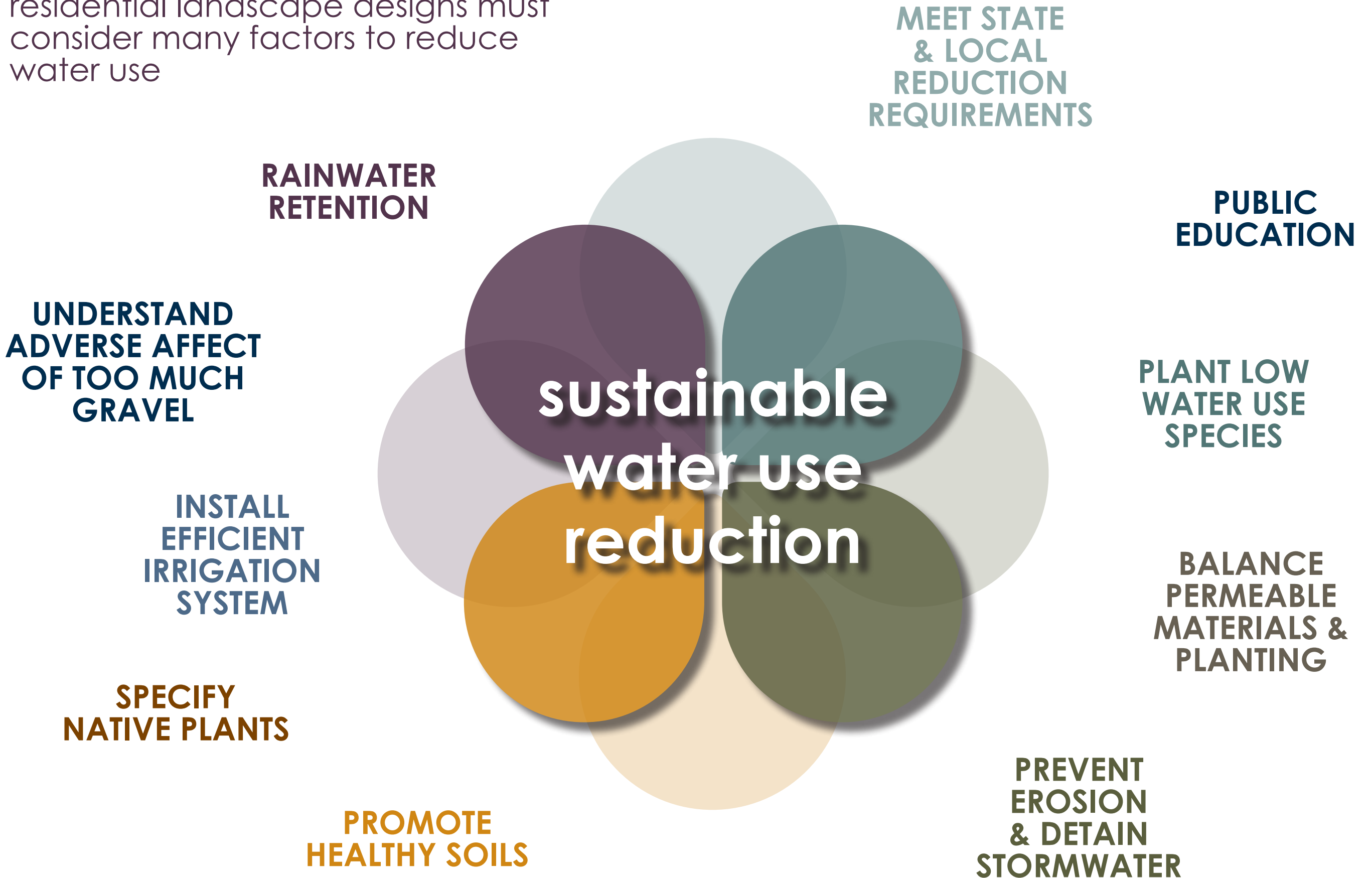
current state regulations provide many options



to design and install water-saving measures for single-family residential properties, a homeowner can consult with the following professionals or design and install as a DIY project



residential landscape designs must consider many factors to reduce water use



homeowner can select from the following for design and installation depending upon the specific needs of the project

LANDSCAPE ARCHITECT

CONCEPTUAL DESIGNS
GRADING PLANS
CONSTRUCTION PLANS
CONSTRUCTION DETAILS
IRRIGATION PLANS
PLANTING PLANS
CARRY PROF. INSURANCE
STATE MONITORING
3,500+ LICENSED IN CA
EXTENSIVE EDUCATION
BA, BS, MASTERS, CERT.

licensed in design & construction document preparation

LANDSCAPE DESIGNER

CONCEPTUAL RESIDENTIAL DESIGNS
TECHNICAL PLANTING PLANS

(NO EDUCATION REQUIREMENT)

specializing in residential design, non-licensed

LANDSCAPE CONTRACTOR

CONCEPTUAL DESIGNS
GRADING DESIGN-BUILD
CONSTRUCTION DESIGN-BUILD
IRRIGATION DESIGN-BUILD
PLANTING DESIGN-BUILD
CARRY INSURANCE
STATE MONITORING
LICENSED IN CA

licensed design-build services

LANDSCAPE MAINTENANCE

CONCEPTUAL DESIGNS
GRADING REPAIR
IRRIGATION REPAIR
PLANTING INSTALLATION
MAINTENANCE

installation, non-licensed

HOMEOWNER DIY

CONCEPTUAL DESIGNS
INSTALLATION
REPAIR
MAINTENANCE

do-it-yourself design and installation



LANDSCAPE ARCHITECT

Prepares concept designs and technical documents for grading, construction, irrigation and planting for permit approval

Collaborates with landscape contractor on project installation

LANDSCAPE DESIGNER

Prepares planting plans along with conceptual site improvements

Uses contractors and landscape architects for technical documents, permit process, and installation

LANDSCAPE CONTRACTOR

Uses landscape designers or landscape architects to create design concepts

LANDSCAPE MAINTENANCE

Maintains designed landscapes and consults contractors on technical landscape construction

HOMEOWNER DIY

Provides design input, project direction, and funding

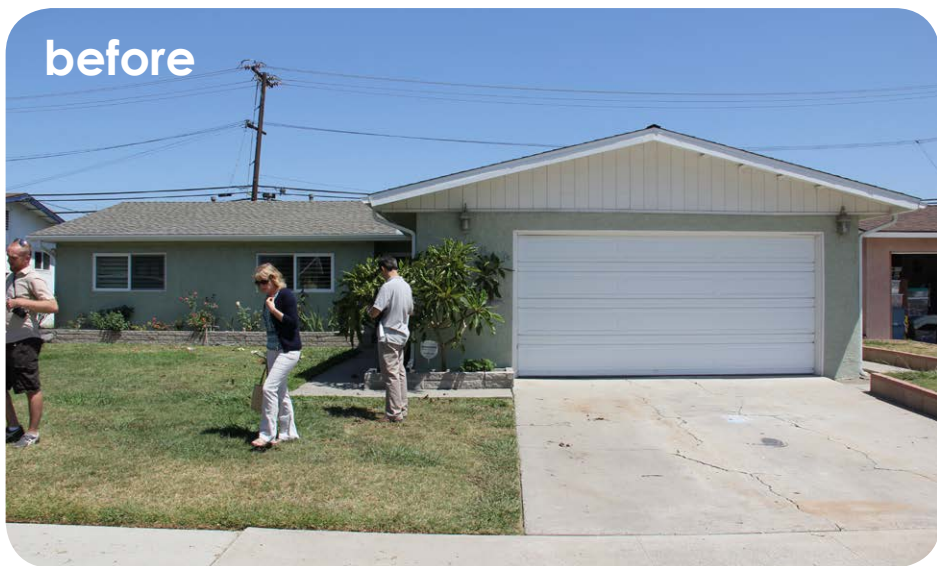
Can perform some concept design and installation activities



WORKFORCE TO IMPLEMENT CALIFORNIA'S NEW WATER REDUCTION STANDARDS

**WITH AN ESTIMATED 6 MILLION PLUS RESIDENTIAL CUSTOMERS
LOOKING TO REDUCE WATER USE,
THERE ARE PROJECT OPPORTUNITIES FOR ALL TYPES OF LANDSCAPE PROFESSIONALS
UNDER THE STATE'S CURRENT SYSTEM**

concept design grading materials
delivery materials installation irrigation
installation planting installation soil
protection maintenance



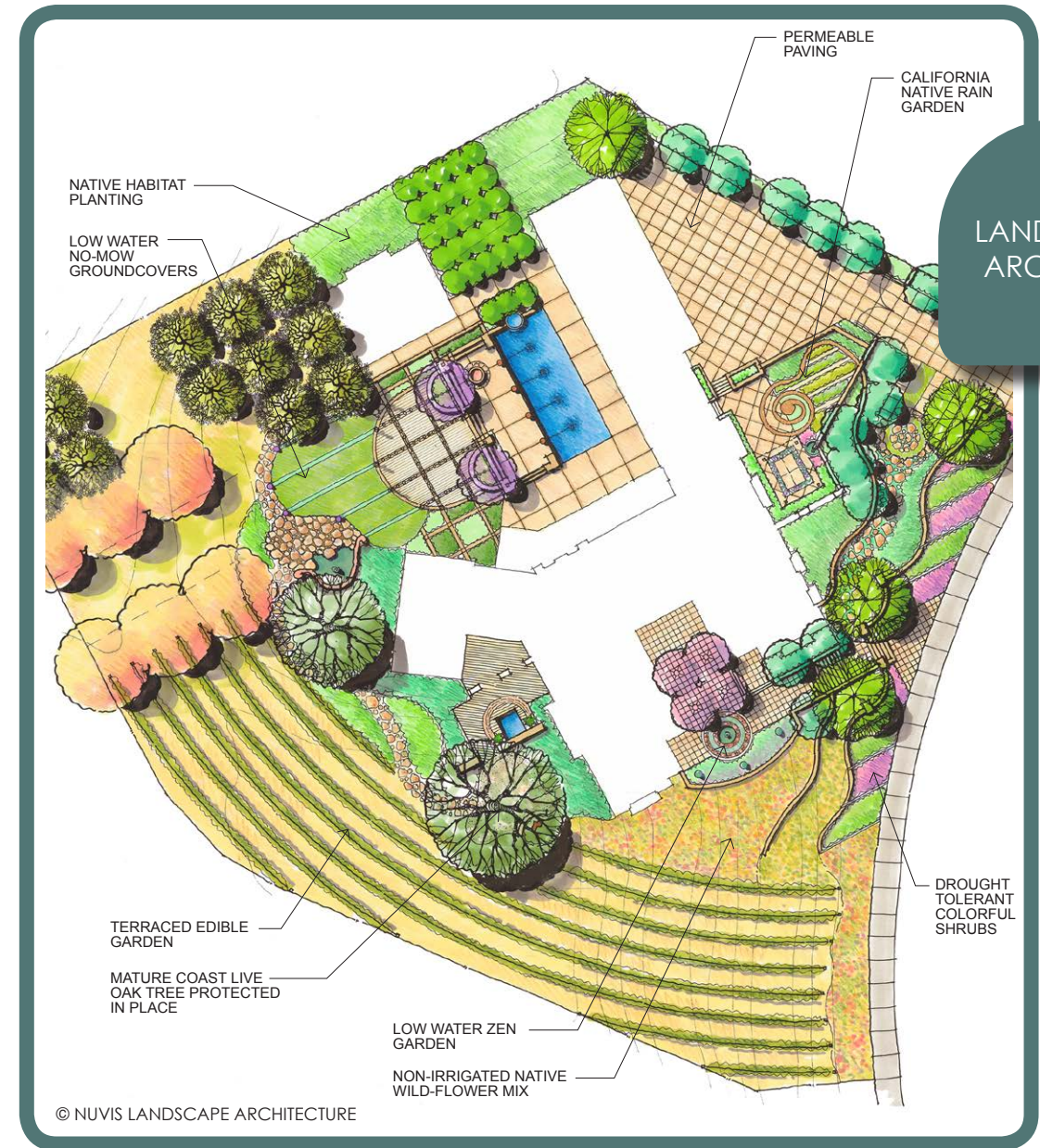
UNDER CURRENT LOCAL AND STATE REGULATIONS A HOMEOWNER HAS MANY OPTIONS FOR LANDSCAPE IMPROVMENTS

LANDSCAPE DESIGNER



CONCEPTUAL LANDSCAPE PLAN

LANDSCAPE ARCHITECT



CONCEPTUAL LANDSCAPE PLAN

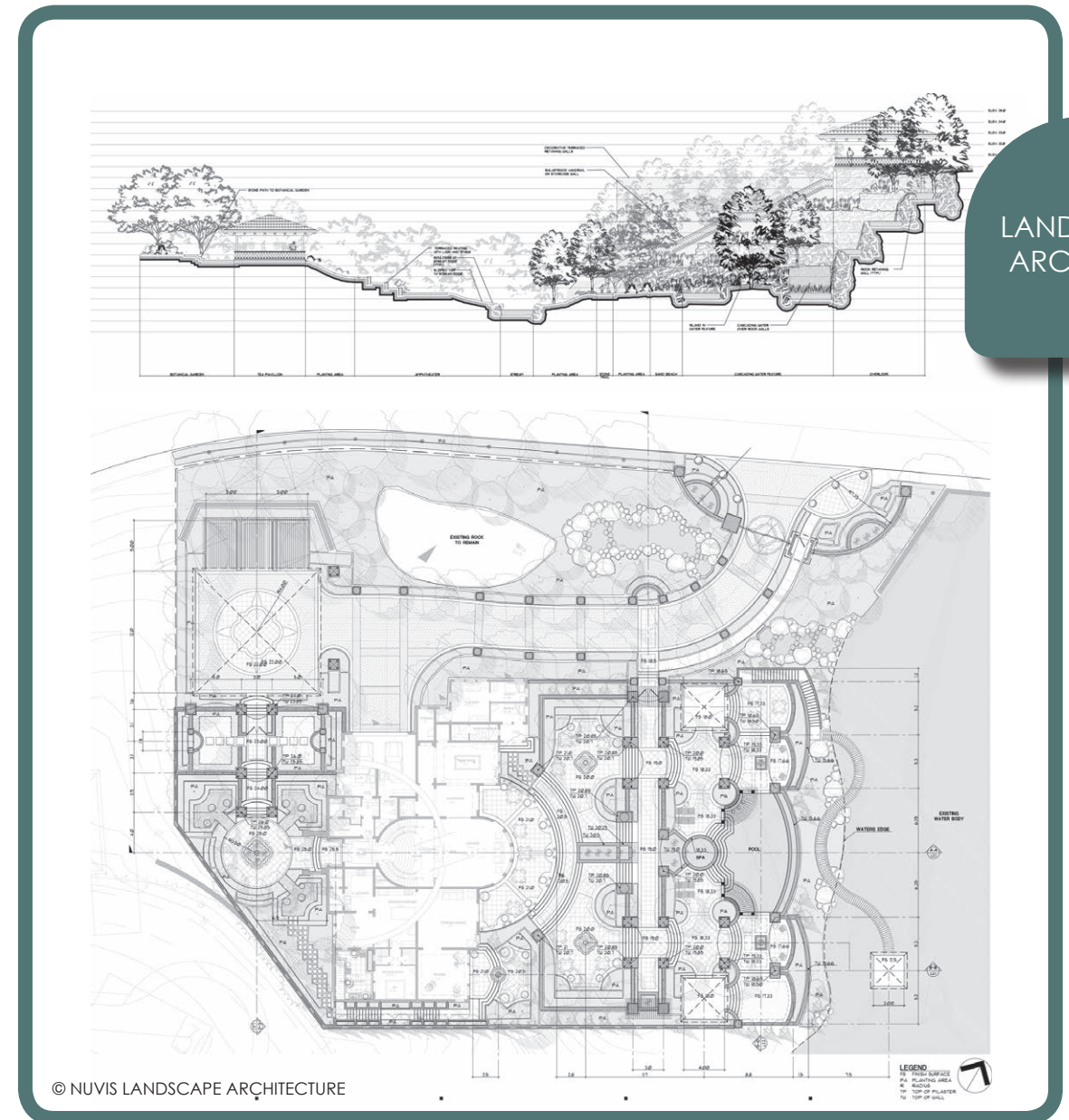
QUALITY DESIGN PLANS CAN BE PREPARED BY LANDSCAPE DESIGNERS OR LANDSCAPE ARCHITECTS

LANDSCAPE DESIGNER



CONCEPTUAL LANDSCAPE PLANS & ELEVATIONS

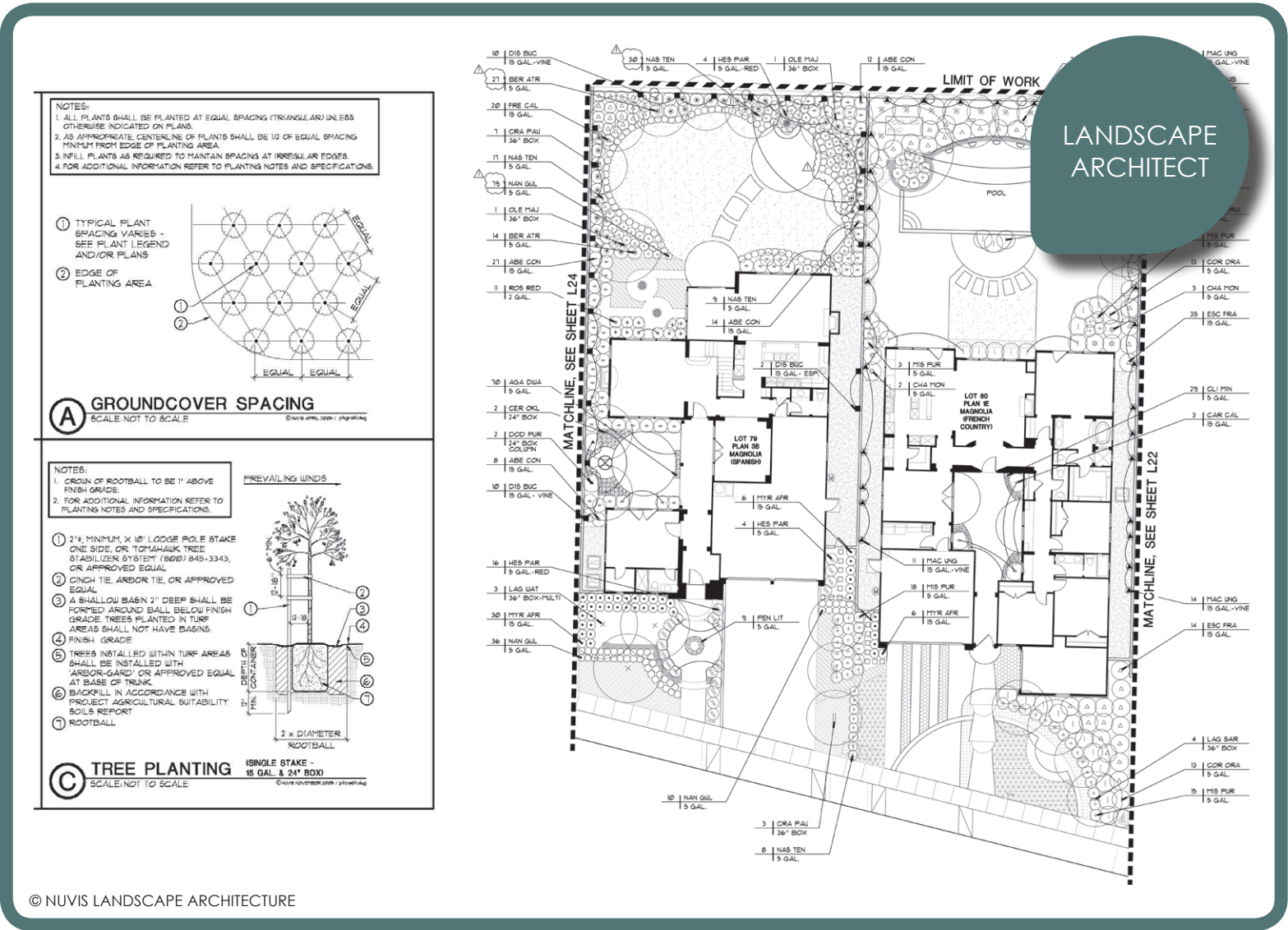
LANDSCAPE ARCHITECT



DETAILED DEVELOPMENT PLANS & ELEVATIONS



CONCEPTUAL LANDSCAPE LAYOUT PLAN FOR DESIGN-BUILD USE



TECHNICAL DOCUMENT PLANS FOR BUILDING PERMIT APPROVAL & CONSTRUCTION

LANDSCAPE
DESIGNER



LANDSCAPE
ARCHITECT



DEPENDING UPON THE HOMEOWNER'S NEEDS, CURRENT LOCAL & STATE REGULATIONS PROVIDE MANY OPTIONS FOR LANDSCAPE WATER USE REDUCTION

LANDSCAPE ARCHITECTS CAN ADDRESS THE VERTICAL CONSTRUCTION ELEMENTS OF THE DESIGN; LIKE WALLS, STEPS, ARBORS, ETC.

this project design was prepared by a landscape architect but could be drawn up by a landscape designer or landscape contractor



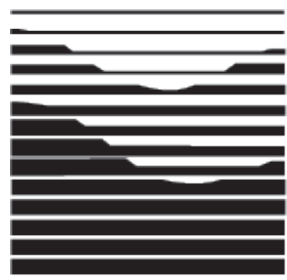
BEFORE
HIGH WATER USE TURF GRASS
IN FRONT YARD AND PARKWAY



AFTER
STEP STONES, ACCENT SUCCULENTS,
& LOW WATER USE COLORFUL SHRUBS

**THIS DESIGN WAS INSTALLED FROM A PLANTING PLAN BY A LANDSCAPE CONTRACTOR.
IRRIGATION WAS CONVERTED FROM A TURF SPRAY TO DRIP IRRIGATION
& PLANS WERE HOA APPROVED**

the goal of this presentation is to clearly show that within the existing business code and without any workforce barriers, homeowners currently have many options toward meeting the MWELO (model water efficient landscape ordinance) and California's current regulations for landscape water reductions



ASLA

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