# SEASONS natural engineering

# ROOFFOP OAS S

An elevated landscape experience.

WWW.SEASONSLANDSCAPING.COM

## WHO WE ARE

With a unique blend of architects, engineers and installation crews Seasons Landscaping engineers nature into urban environments through several proprietary living wall and green roof systems.

Season's has helped shape living architecture throughout North America over the past 6 years. It is this evolved movement and passion for nature that Seasons is built upon and will continue to engineer these living structures to enrich the spaces and the lives of those who inhabit them.



### A DIFFERENT TYPE OF LANDSCAPE COMPANY

# **HORTICULTURE DESIGNS**



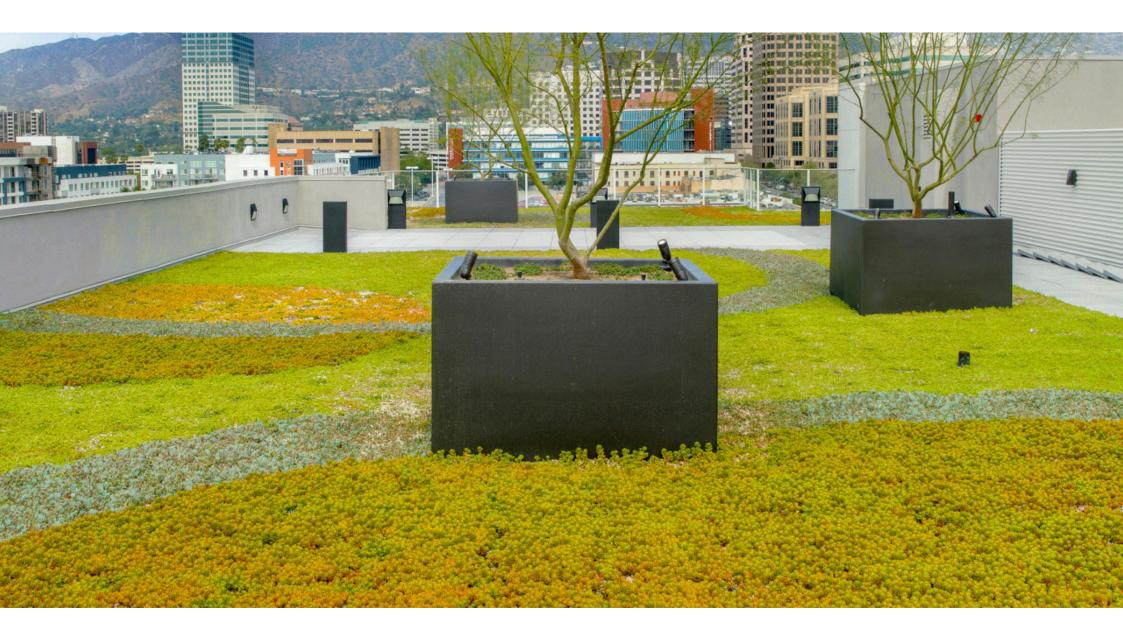
At Seasons Natural Engineering, we transform rooftops into breathtaking, functional green spaces that combine natural beauty with expert design. Our horticulture design team brings years of experience in curating unique plant palettes that not only thrive in the challenging conditions of rooftop environments but also create lush, thriving gardens you can enjoy for years to come.



OUR ROOFTOP GARDENS ARE MORE THAN JUST GREEN SPACES-THEY'RE LIVING J

> By seamlessly blending our expertise in horticulture and innovative design, we create rooftop environments that not only contribute to sustainability but also provide enduring joy and value to our clients. With Seasons Natural Engineering, your rooftop becomes a signature feature, a place to relax, and a stunning reflection of nature's finest.

> > ARCHITECTURE PORTFOLIO







### **SYSTEMS**

At Seasons Natural Engineering, we provide versatile green roof systems designed to meet the unique needs of every rooftop, from shallow-profile installations to expansive, deep-rooted gardens. Our expertise allows us to tailor our approach, ensuring a perfect balance of beauty, functionality, and sustainability.



### **BUILT-UP LAYERED SYSTEM**



For more customized and scalable installations, our built-up layered system offers unmatched versatility. This approach involves layering components directly on the roof, from the drainage and growing medium to the plant materials.

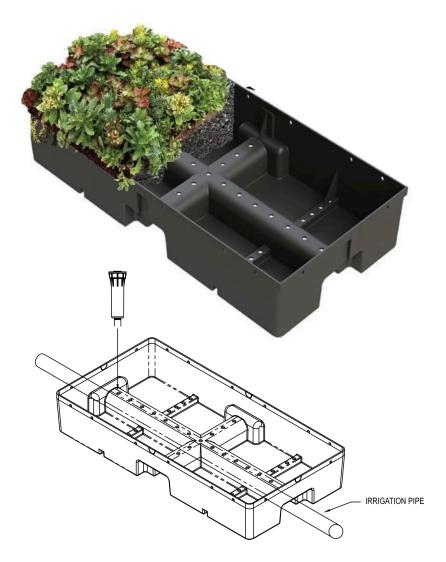
#### **DEPTH FLEXIBILITY:**

Depending on the roof type and structural capacity, the system can range from a shallow 2-inch depth for sedum or low-maintenance plantings to as deep as 5 feet for fully landscaped rooftop gardens with shrubs and small trees.

#### **PLANT-IN-PLACE DESIGN:**

With the layered system, we bring the growing medium and plants to the site and install them according to the specific design pattern, allowing for highly customized and intricate layouts.

### **TRAY SYSTEM**



#### OUR TRAY SYSTEM OFFERS A CON-VENIENT AND EFFICIENT SOLUTION FOR GREEN ROOF INSTALLATIONS.

These modular trays are pre-grown in our inhouse nursery, allowing us to deliver them to your site fully mature and lush.

The trays are carefully curated to meet the design specifications, ensuring uniformity and instant visual impact upon installation. This system is ideal for projects requiring minimal disruption and quick installation while maintaining high aesthetic standards.

### **SOIL SCIENCE**

At Seasons Natural Engineering, the success of our rooftop gardens begins beneath the surface—with precisely engineered lightweight growing mediums tailored to each unique plant palette.

#### **TAILORED SOIL PROFILES**

Our team carefully balances the ratios of organic and inorganic matter to create soil mediums that not only accommodate the specific plants chosen for the garden but also provide long-term stability. Organic matter supplies essential nutrients to the plants, while inorganic materials ensure the soil maintains proper aeration and structure over time, preventing compaction and promoting root health.

#### **DRAINAGE AND AERATION**

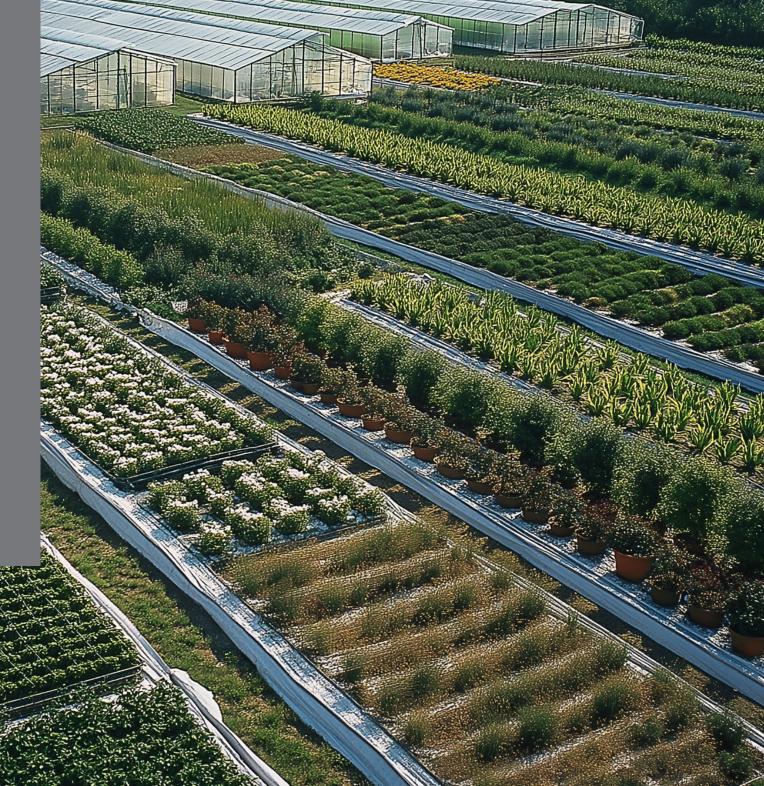
Drainage properties are crucial in rooftop gardens, where excessive water retention can lead to root rot or structural issues. We design our soil to retain enough moisture for plant health while facilitating efficient drainage, ensuring a healthy balance for plant growth. Aeration is equally vital, allowing roots to access oxygen and thrive even in challenging rooftop conditions.



#### IN-HOUSE NURSERY ADVANTAGE

Whether using the tray system or the plant-in-place method, our in-house nursery ensures that plants are cultivated under optimal conditions, ready to thrive once installed. This level of control allows us to match the planting design with the highest quality vegetation tailored to the rooftop's environmental conditions.

With our green roof systems, Seasons Natural Engineering delivers sustainable rooftop environments that meet the demands of any project, transforming underutilized spaces into vibrant, living landscapes.





#### INSTALLATION

Building landscapes on a rooftop is vastly different from traditional "at-grade" landscape installations. Green roofs present unique technical challenges, and our specialized team is trained in the advanced techniques and processes required to ensure the long-term success of every project.

Tailored Installation for Rooftop Challenges. Rooftop landscapes must harmonize with the building's structural components, from thin soil profiles to waterproofing layers and load-bearing roof decks. Our systems are carefully engineered and installed to strike a perfect balance between functionality, safety, and the beauty of a thriving green space.

#### Durability and Longevity

By addressing these technical challenges during installation, we ensure the safety and stability of our green roof systems for decades. Our approach is not only about creating beautiful landscapes—it's about delivering sustainable solutions that stand the test of time, providing value and peace of mind to our customers.

ARCHITECTURE PORTFOLIO

TEAM



#### **SCOTT HUTCHEON**

Scott founded Seasons Landscaping in 1998 after graduating with a degree in Landscape Architecture and Environmental Design from California Polytechnic University, San Luis Obispo. What originally started out as a design-build firm eventually developed into the current Seasons after he noticed the spread of living wall technology throughout the world in 2006; Scott was inspired by their sustainability and organic aesthetic as well as the positive effects they have on people and their surroundings.

With this background in horticulture art forms the market has shifted to a mix of living as well as artificial installations. The transformation of high quality natural faux materials has been a game changer allowing our talented team of fabricators to create such life like installations. Scott believes that there is a common denominator between art, design, and natural organic forms: the enriching value they bring to the owners and the urban spaces they inhabit. His philosophy is that Seasons Natural Art Installations go beyond both the simple and complex in architecture with their unique ability to improve the environment in unexpected places.

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#### **JENN REDMOND**

Marketing Director

With a B.A. in Marketing at California Polytechnic University, San Luis Obispo, Jenn directs all marketing for Seasons. 'Vertical gardens are an expression of the arts and the marketing should reflect that.'



#### **KERRY JOINER**

Maintenance / Installation Director

With over 35 years of experience in interior and exterior landscaping, it would be an understatement to say that Kerry is an expert in working with plants.



#### HERNANDEZ A.

Installation Planting Specialist

Andre is our resident plant-handling expert. He uses his gentle touch and technical skill to meticulously prepare each plant for living walls, and he knows exactly how to plant them to maximize their beauty and resilience.



#### PEDRO SALAS

Installation Director

As director of all installations, Pedro has a keen understanding of engineering and construction as they relate to overall design and aesthetic.

# **CONTACT US**

Looking to incorporate an unparalleled natural beauty into your space? Reach out to Seasons Natural Engineering and take a step forward toward elevating the possibilities of your next project.

#### 2024-2025 | WWW.SEASONSLANDSCAPING.COM

#### **CONTACT US**

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