



26.25

2.0

2.5

1.5

6.75

6.5

3

9 x 9

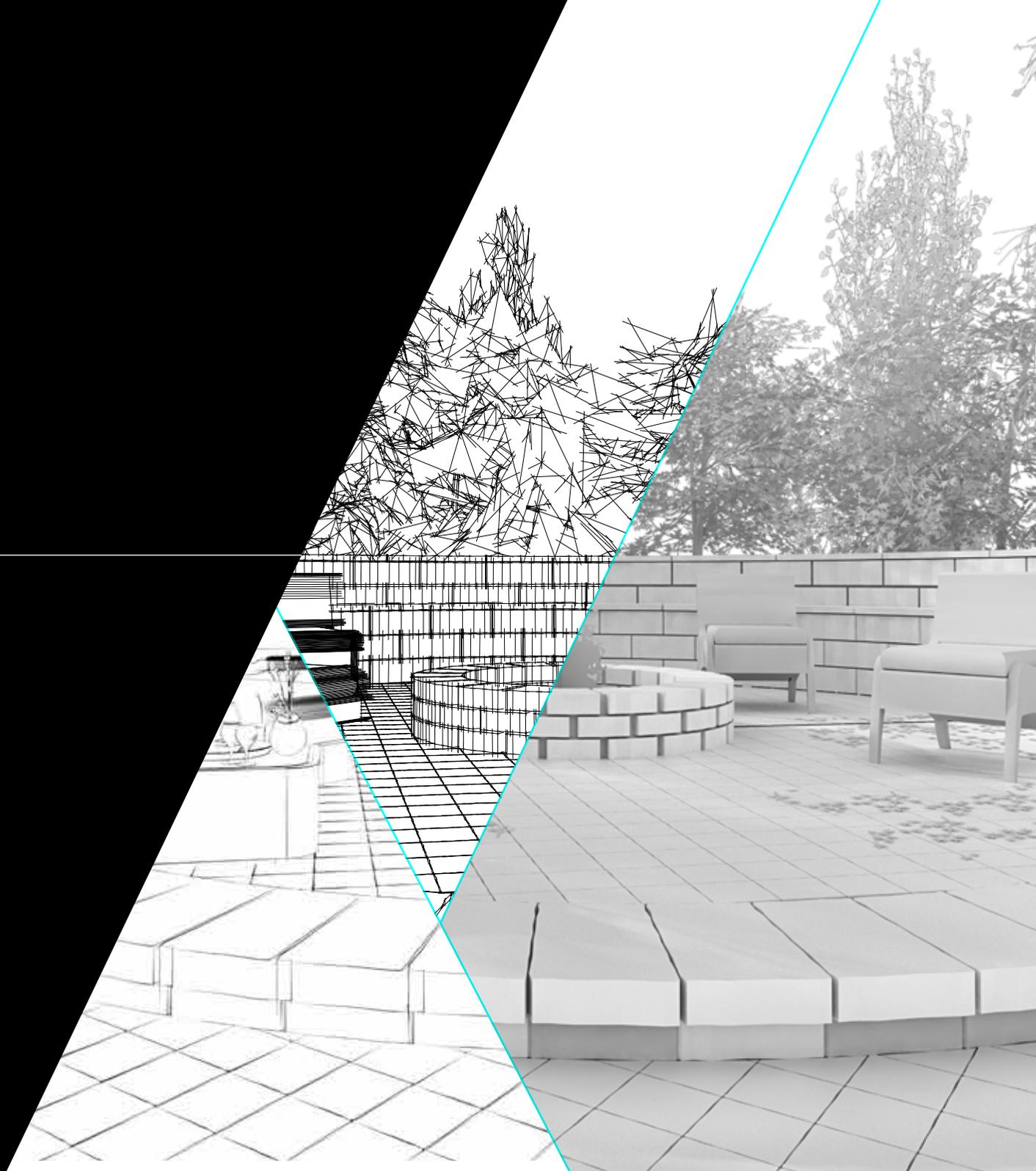
9 x 9



VECTORWORKS®
LANDMARK

TRANSFORM THE WORLD.

DESIGN WITH VECTORWORKS LANDMARK.



Vectorworks® Landmark is the ultimate software solution for urban planners, landscape architects, and landscape designers. With creative solutions to streamline and automate everyday tasks alongside industry-leading tools that will enhance your design process, Landmark allows you to go from 2D drawings, to stunning 3D renderings, to finalized construction documents from a single, dynamic platform.

Discover how Vectorworks Landmark software will enhance your workflows and improve your design process. From effective project sharing that allows you and your team to work concurrently on the same Vectorworks design file to a suite of irrigation tools for designing and analyzing irrigation systems. Landmark designers will be poised to transform the built environment like never before.

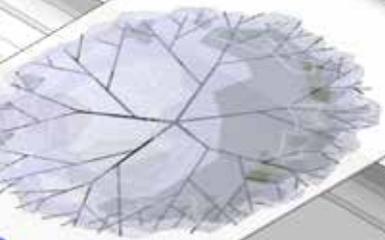
SIMPLIFY YOUR PROCESS

Your time is valuable—and we at Vectorworks want to make sure you get to spend more of that time designing. Vectorworks Landmark empowers you to work faster and more efficiently.



SEARCH BAR

PREVIEW



RESOURCE DATA



POWERFUL RESOURCE MANAGEMENT

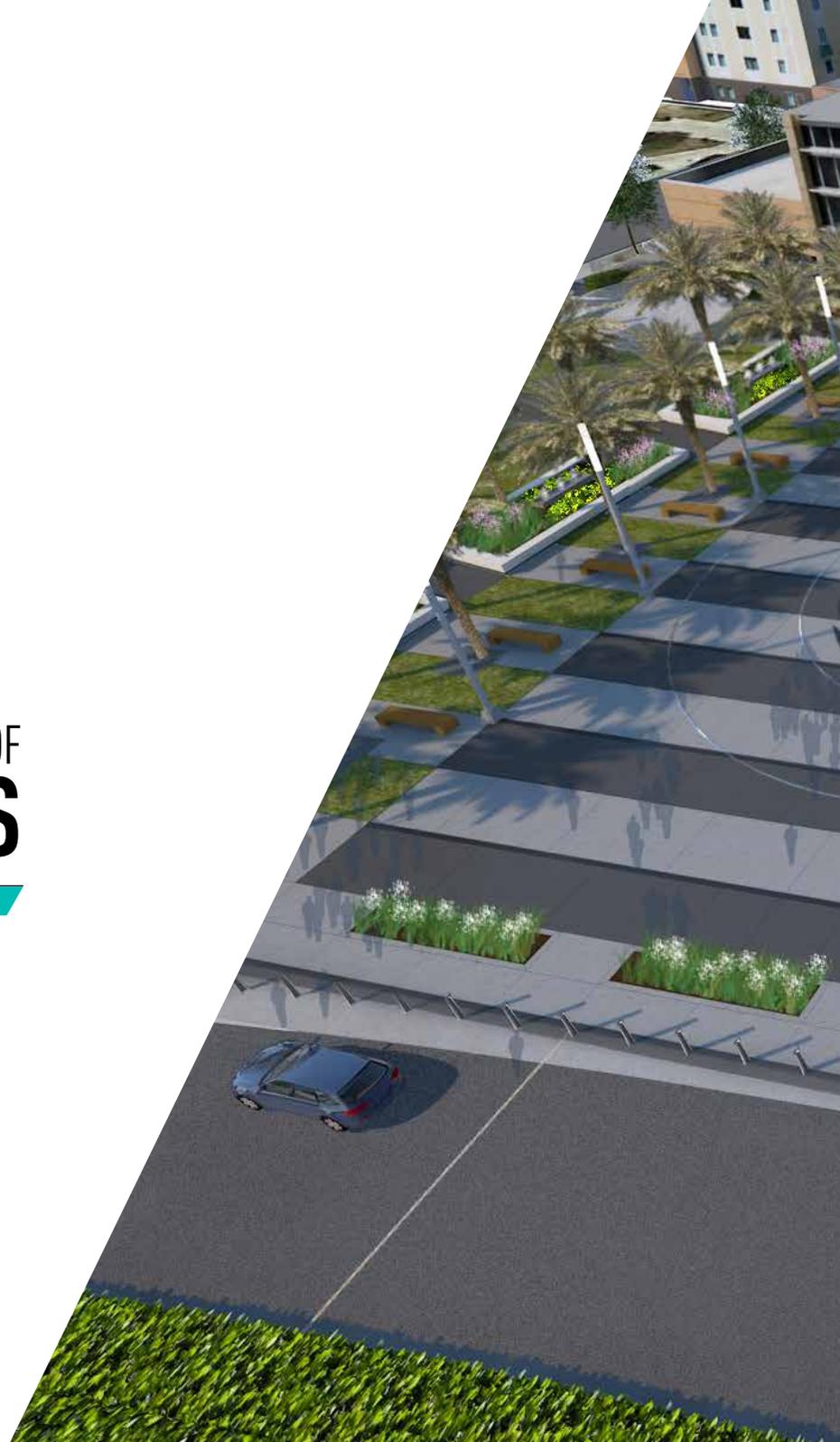
As designers, content and resources like comprehensive plant libraries, hatches, line types, worksheets, wall styles, and render styles are critically important to developing ideas and even specifying materials. That's why Vectorworks software's Resource Manager puts the ability to create, find, edit, and apply desired resources to your designs at your fingertips. Featuring direct browsing of resources from multiple content

locations, the Resource Manager also includes access to the Vectorworks Service Select online libraries for subscribers. Easily find plant symbols, hardscape textures, landscape area styles, irrigation system elements, and more with powerful search and filtering, attach metadata tags, and access your resources directly from Vectorworks parametric tools.

SIMPLIFY YOUR PROCESS

FULL RANGE OF PROJECTS

Vectorworks Landmark provides a flexible design environment that allows you to work on any type of project. With tools that easily scale up or down to accommodate your work, you can design residential plans at a 1:10 scale or regional master plans at 1:1,000 or larger.







CENTRAL
BARANGAROO

BARANGAROO
SOUTH

BALLARAT
PARK

METCALFE
PARK

PYRMONT BAY
PARK

PYRMONT

PYRMONT BRIDGE

COCKLE BAY

THE ROCKS

CIRCULAR QUAY

CAHILL EXPRESSWAY

SYDNEY CBD

THE DO

HYDE PARK



INTEGRATED MAPPING AND GIS

Incorporate maps into your work with ease. Add survey data to your drawing and use it as the basis of your digital terrain model, or import CAD drawings and data-rich BIM models from architects, builders, or engineers to use as base plans or models. Import geo-referenced aerial/satellite images and Geographic Information System (GIS) data files from federal, city, state, or other agencies to explore all of your design options.

FREE-FORM MANIPULATION

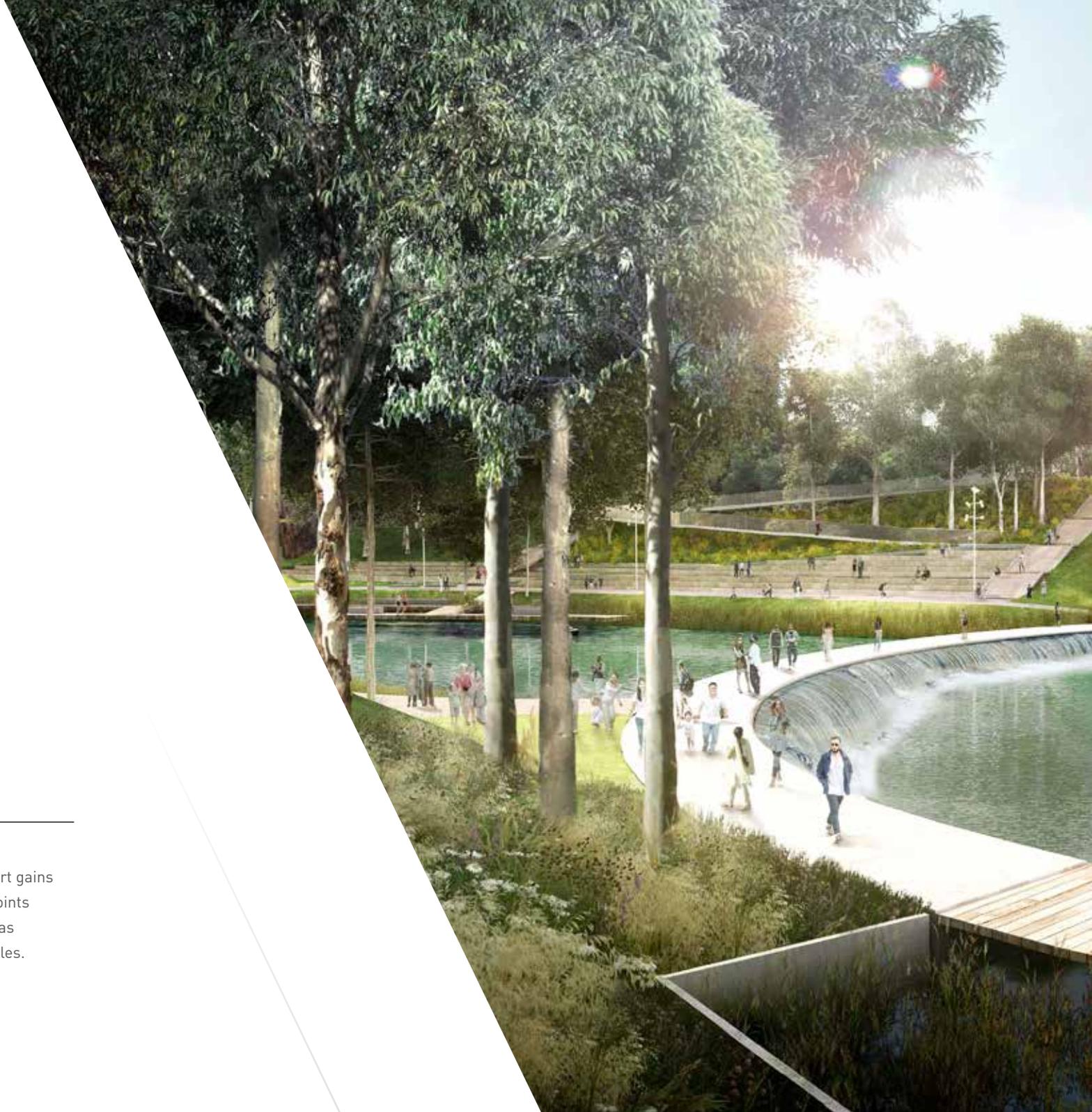
With our intuitive interface, you can design from any 3D view using modes in modeling tools that automatically infer working planes as you move your cursor, and enjoy the superior quality that allows you to manipulate your models with ease. Accurate object information and better snapping make drawing in 3D easy. The SmartCursor™ helps by showing hints, like the angle from the previous segment, as you draw, and our X-ray Select technology lets you see through models to select, move, and modify hidden objects with precision and ease. Plus, an advanced suite of solids and NURBS surface tools and subdivision modeling capabilities let you create any shape and easily explore organic geometry.

Push, pull, blend, twist, sculpt, deform, bulge, taper, or punch holes. Anything is possible with Vectorworks Landmark.



POINT CLOUD SUPPORT

In our latest release, Vectorworks' Point Cloud support gains even greater functionality with the ability to isolate points to target a subset of data within a single point cloud, as well as more options for importing your point cloud files.



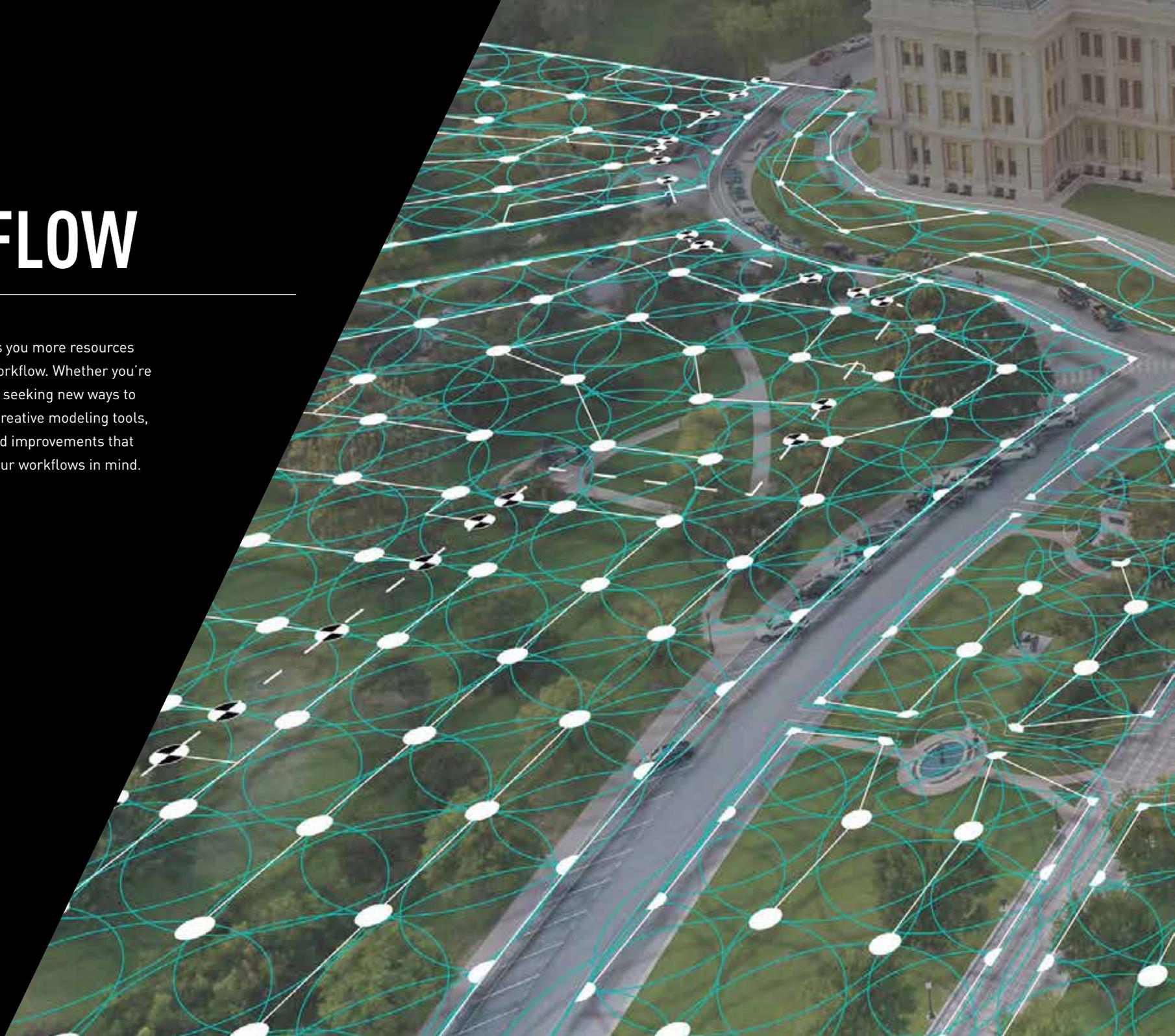
POWERFUL CONCEPTUALIZATION

Find your inspiration and start drawing. Or, import hand sketches, site pictures, and even documents or models from other applications. Invoke ideas in 2D and explore them in 3D with free-form models.



ENHANCE YOUR WORKFLOW

Vectorworks Landmark gives you more resources than ever to optimize your workflow. Whether you're calculating water budgets or seeking new ways to bring your ideas to life with creative modeling tools, Landmark offers features and improvements that are designed with you and your workflows in mind.

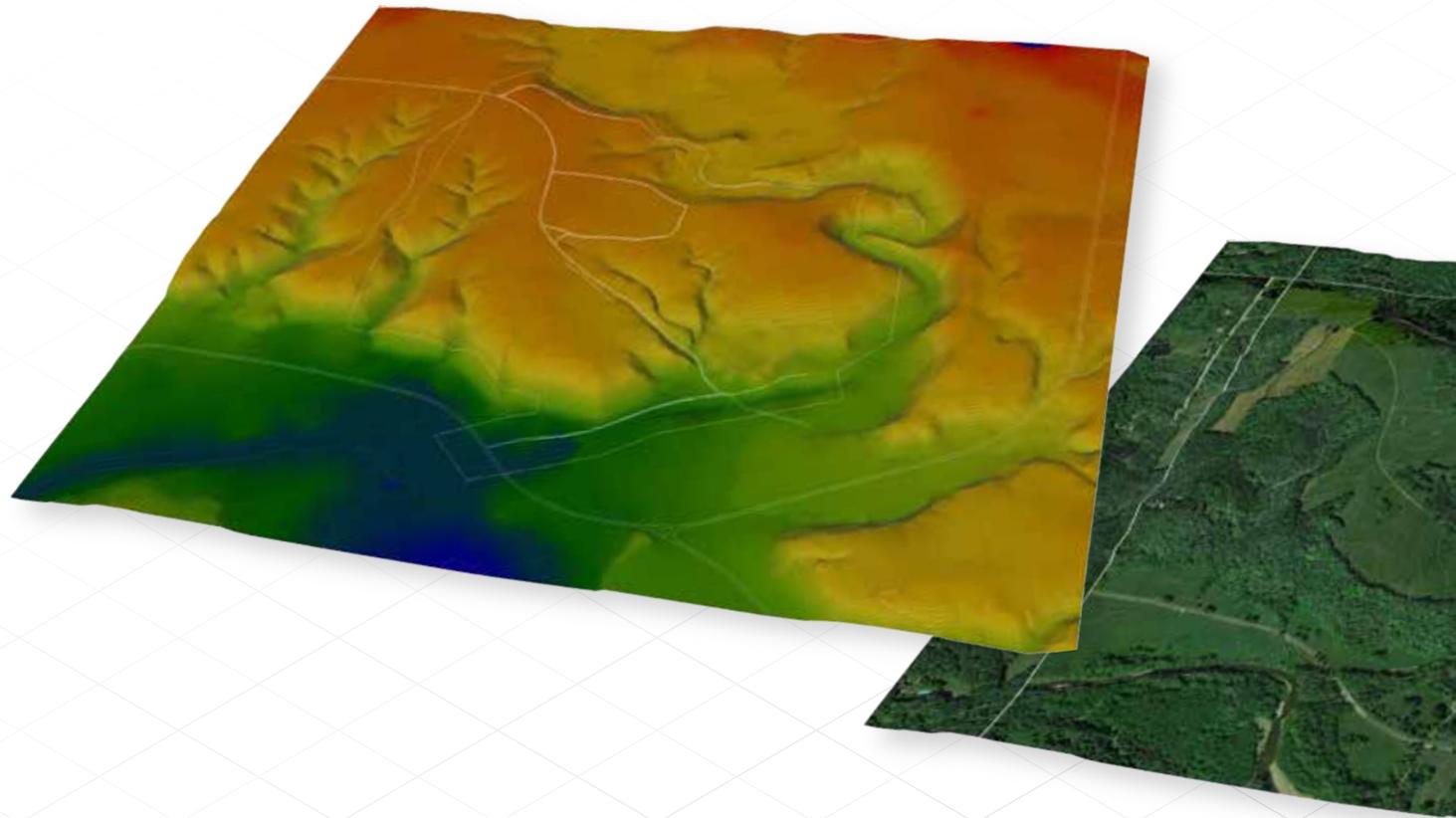




INNOVATIVE IRRIGATION DESIGN

Planning for a site's irrigation involves considerations and calculations related to both its physical features and resource availability. Vectorworks Landmark software meets all of these needs with innovative irrigation design tools. Create zones of similar watering needs with the new Hydrozone tool and then use built-in worksheets to analyze for water efficiency, which makes satisfying a site's water budget

allowance easier than ever. Whether specifying lateral and main piping, sprinkler heads, drip systems, valves, controllers, or other system components, the automated and manual placement methods are designed to meet industry standards while giving professionals the flexibility to design, document, and estimate proposed and as-built systems efficiently.



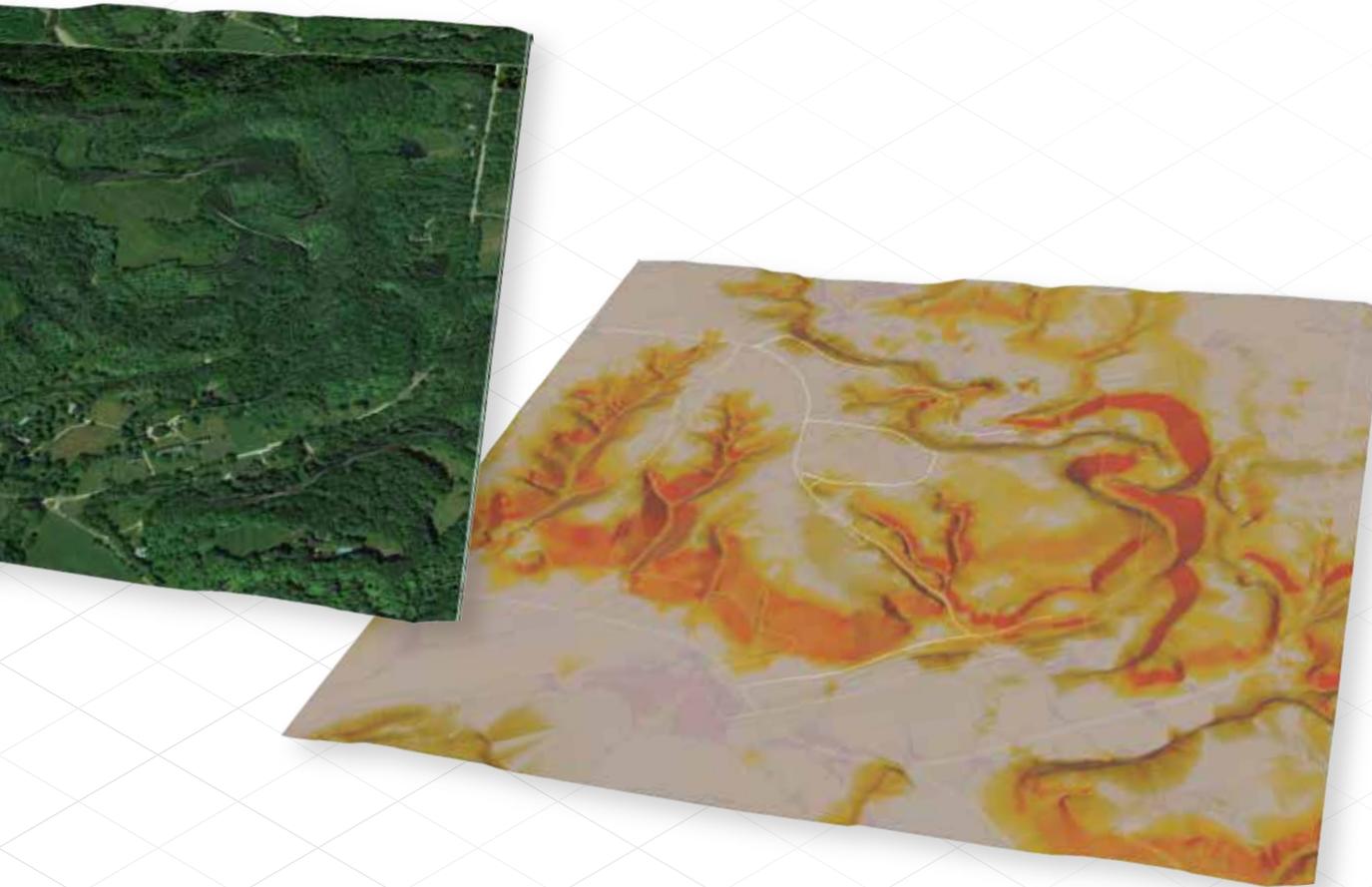
SUPERIOR SIM CAPABILITIES

Vectorworks Landmark also provides an efficient way to introduce Site Information Modeling (SIM) capabilities into your workflow. The program's tools will help you analyze your design for area, volume, slope, cut/fill, and other data such as water flow and sun/shade. Scan in your sketched concepts of planting or paving and trace over them with the related smart object tool with ease. Or, simply enter your field measurements to build the designs from scratch.

Use the Property Line tool to define a site's boundaries and setbacks. Plus, building tools and site objects easily document existing structures and site conditions. In addition, you can use the program's drawing, modeling, and 2D and 3D graphics capabilities to create compelling presentations.

DIGITAL TERRAIN

MODELING/ANALYSIS



From imported source data like elevation points or contours, take your site designs to new heights with Landmark's Site Model (digital terrain model or DTM). This tool, in conjunction with site modifying objects and analysis features, can represent a site's existing surface, and with the help of proposed contours and other site modifiers, can document and visualize the impact of your planned grading. The Site Model contains essential analysis features, such as slope analysis and surface drainage flow for the site's existing or proposed conditions, as well as cut/fill calculations to enable your design workflows to include sustainable soil and water management practices ensuring better landscape performance once installed.

EXTENSIVE AUTOMATED REPORTING AND DATABASE SUPPORT

Stop manually counting plants, planting areas, hardscape areas, or other multiple site features in your drawings and models. Automatic data tracking does the tedious work for you; built-in database worksheets continually keep track as your designs evolve. Take advantage of the two-way link between database worksheets and objects, giving you the power to change object parameters directly from the worksheet.

The application goes further than automated schedules and quantity take-offs. It provides a user-defined, quick, and accurate way to assign custom data to any object and create unique reports for LEED and SITES® projects that require water budgets and stormwater runoff calculations.





LANDSCAPE AREA TOOL

With savable settings and 3D plant representations, the Landscape Area tool offers an efficient, customizable workflow for conceptual landscape planning and for specifying large planting or reforestation areas.

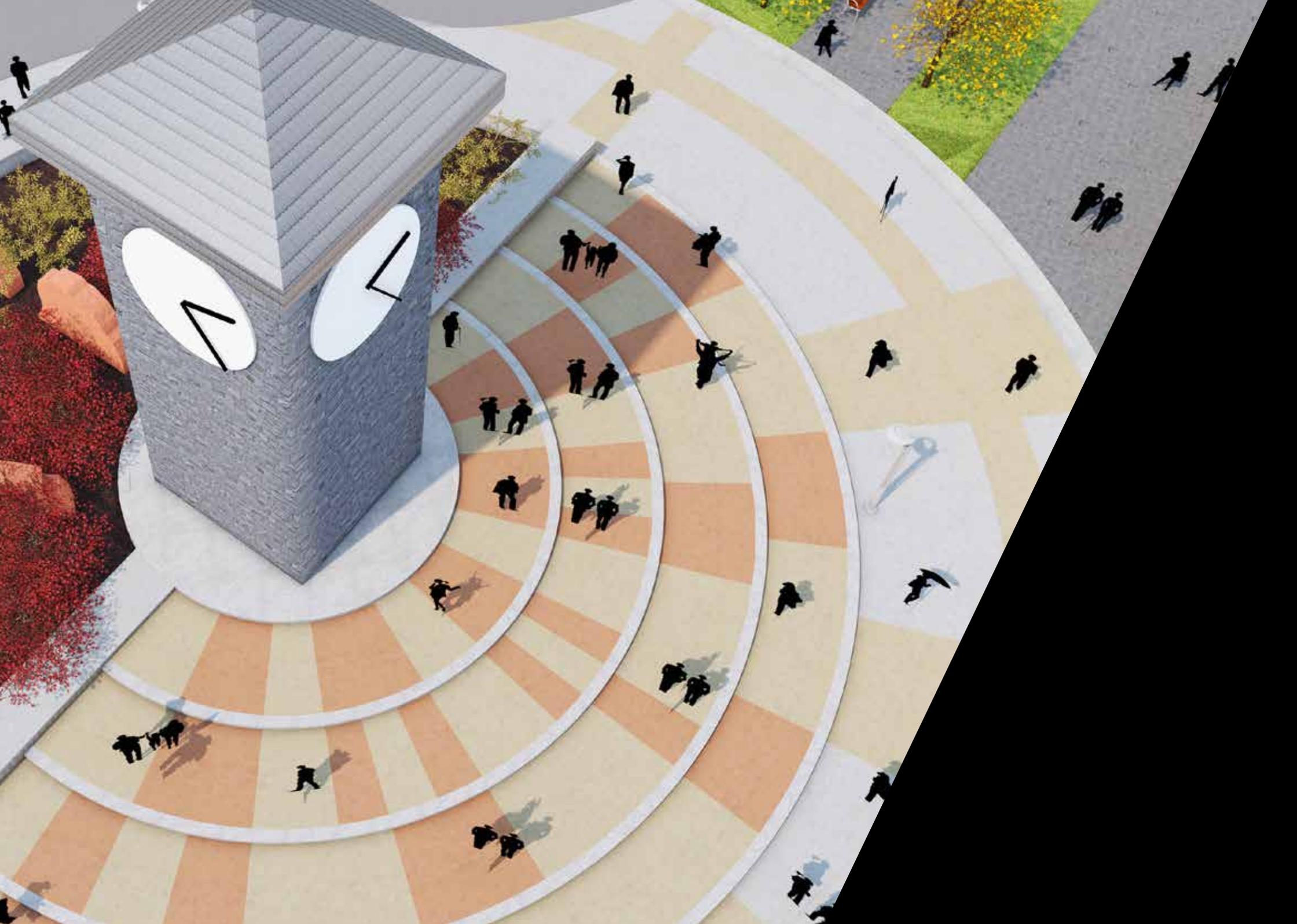
IMAGE COURTESY OF PACIFIC COAST LAND DESIGN.

HARDSCAPE TOOL

Simplify the complexities of landscape design. With our parametric Hardscape tool, you can specify and develop hardscaping plans in 2D and 3D that convey your signature style, and easily generate reports using Landmark's integrated database.

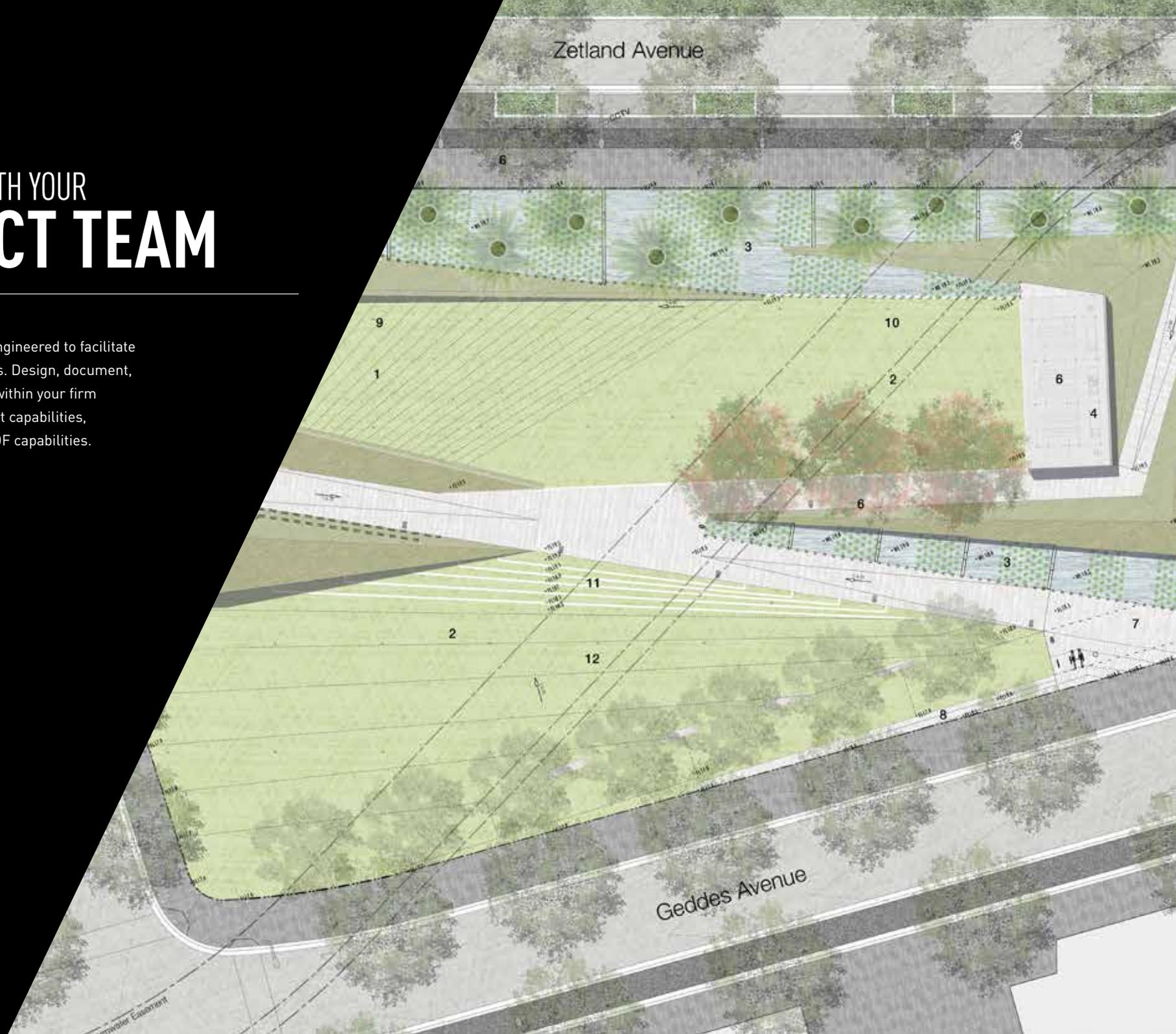
The Hardscape object includes options to accomplish radial paving patterns and paving patterns based on curvilinear paths, enabling site designers to be more creative in laying out pavements and walkways.





COORDINATE WITH YOUR PROJECT TEAM

Vectorworks Landmark is engineered to facilitate your collaborative workflows. Design, document, and exchange your models within your firm and beyond with Revit import capabilities, IFC4 support, and Raster PDF capabilities.





- Site boundary (external works to be undertaken by others)
- Proposed Contour Line
- Existing Contour Line
- F.M.S Finished Level
- W.M.S Water Level
- Proposed Fall
- Architecture Structures
- CCTV
- Water and Power Outlet
- Preparation + Groundworks**
- Stormwater & Sewer Culvert Easement
- Drainage - Water Pump
- Drainage - Trench Drain
- Walls + Edges**
- Precast Concrete Edge
- Wall
- Retaining Wall Under
- Retaining Wall with CoS Pavements
- Pavements**
- Ramp Ramp
- Existing Road
- Proposed CoS Pavement
- Proposed CoS Asphalt
- Proposed Precast Co
- Proposed CoS Libr
- Water Elements**
- Aquatic Plants
- Furniture + Fittings**
- Proposed
- Park Lit
- CoS S
- Ben
- W

MULTIUSER ENVIRONMENT

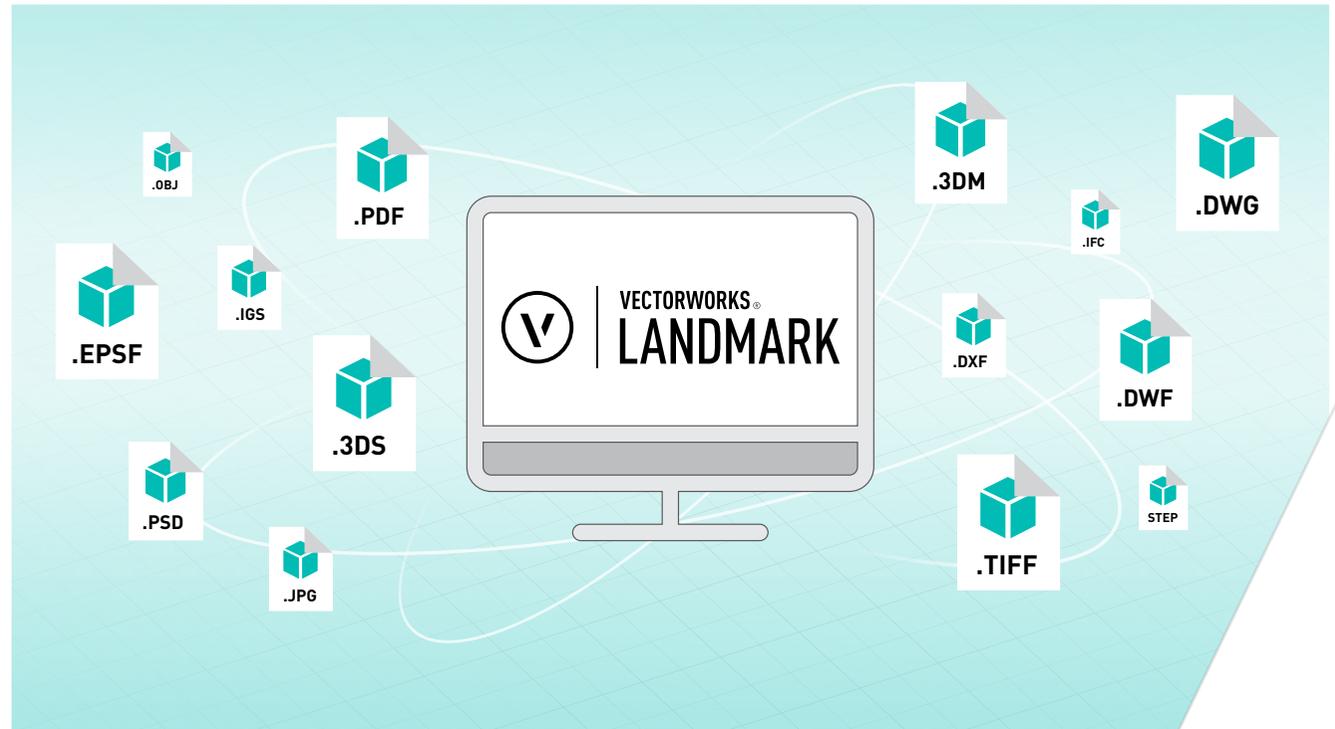
Collaborate and maximize efficiency. Project sharing provides customizable multiuser workflows allowing your project team to work on the same Vectorworks file concurrently. It also frees designers to work anywhere, any time, with cloud integration letting you save your files in your Box, Dropbox, OneDrive, and Google Drive accounts.

IMAGE COURTESY OF MCGREGOR COXALL.

SEAMLESS INTEROPERABILITY

Exchange NURBS models with Rhino or import concept models from SketchUp®. Support of both import and export of OBJ, STL, and 3DS file formats lets you explore the full range of design options by incorporating information from multiple sources, making sweeping changes quickly and easily.

Using IFC, an industry-standard BIM file format, communicate effectively with your consultants and collaborators who may be using Revit® or other BIM software. Vectorworks Landmark supports IFC, 3DS, DWG/DXF, and PDF support for document and model exchange.



VECTORWORKS LANDMARK FILE IMPORT/EXPORT CAPABILITIES

File Type	Import	Export
3D PDF		●
3DS	●	●
Cinema 4D (.C4D)		●
Cinema 4D Textures	●	
Collada		●
Database	●	●
CSV		●
DWG/DXF/DWF	●	●
ECW	●	
EPSF	●	●
FBX		●
HDRI		●
IFC (Industry Foundation Classes)	●	●
IGS	●	●
IMAGE FILES (GIF, BMP, TIFF, JPG, PNG)	●	●

File Type	Import	Export
KML		●
OBJ	●	●
ParasolidX_T	●	●
PDF	●	●
Point Cloud	●	
Revit	●	
Rhino (.3DM)	●	●
SAT	●	●
Script	●	●
Shapefile	●	●
SketchUp (.SKP)	●	
STEP	●	●
STL	●	●
Webview		●
Worksheet	●	●

SHARE YOUR VISION

Good communication is key to your design process, and with Vectorworks Landmark, you have more options than ever to share your ideas and inspiration.



DESIGNER



CONSULTANT



CLOUD SERVICES

Vectorworks is committed to communication and collaboration. In Vectorworks 2017, our Cloud Services environment is openly available to everyone, giving you the ability to easily share files between team members and providing a simple interface for collaborators and clients to tour your models using our mobile app, Vectorworks Nomad.

WEBVIEW AND **VIRTUAL REALITY**

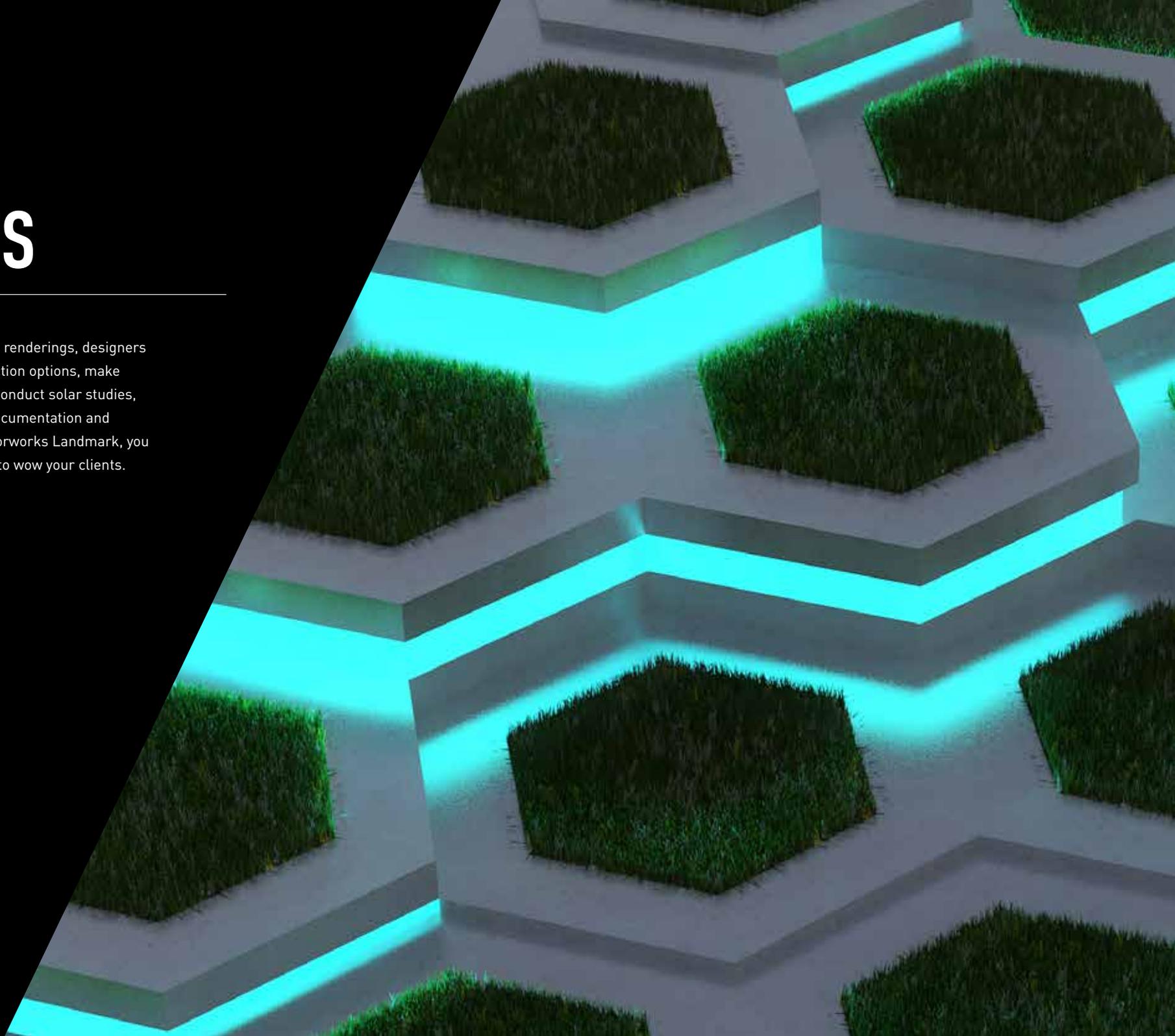


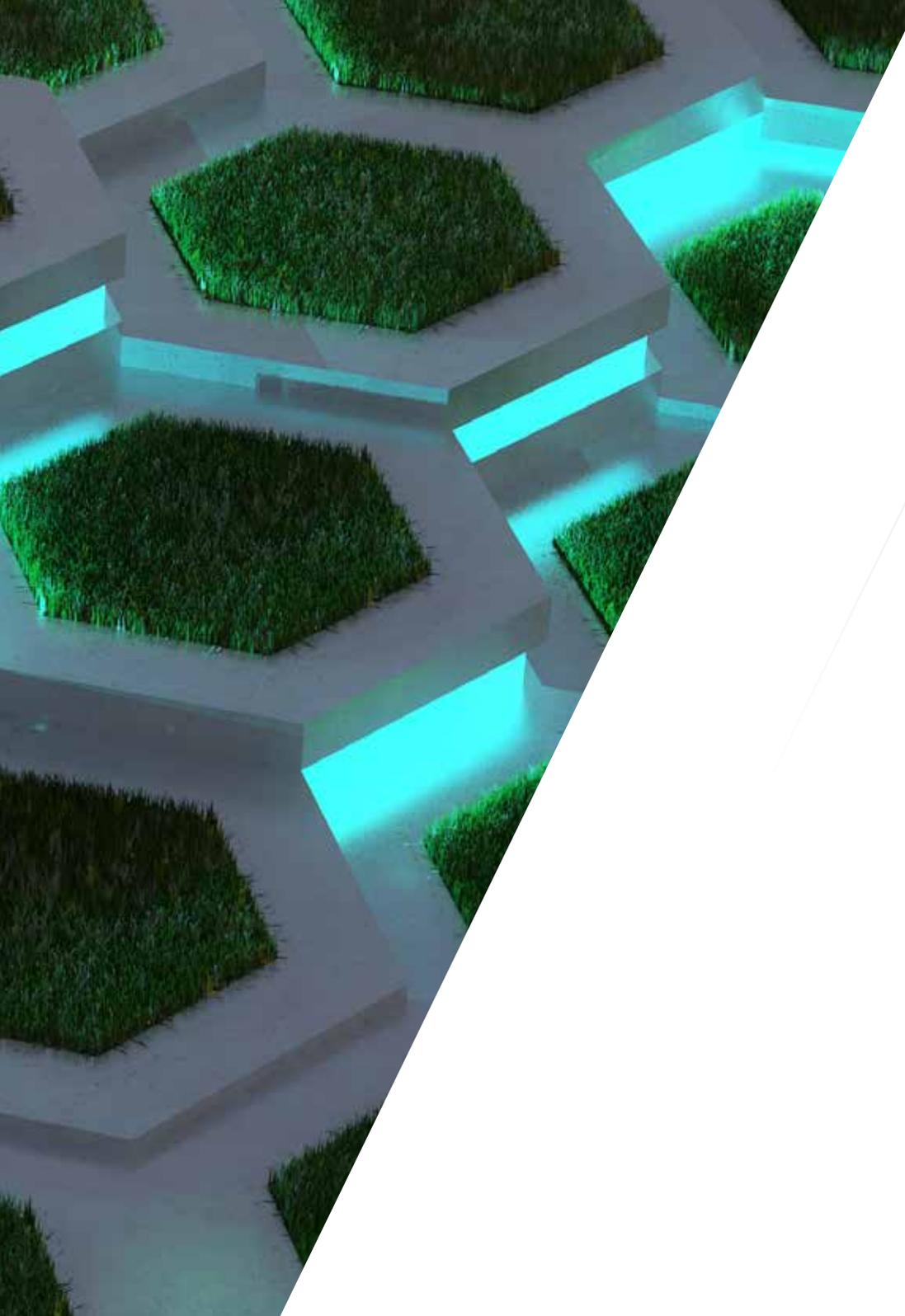
Easily share your designs with current clients and collaborators using Vectorworks software's immersive web viewing and virtual reality features. Generate a link that allows anyone, anywhere, to view your model in 3D on any device.



INSPIRE YOUR CLIENTS

With stunning, photorealistic renderings, designers can showcase material selection options, make effective lighting decisions, conduct solar studies, and generate high-quality documentation and presentation boards. In Vectorworks Landmark, you have all the tools necessary to wow your clients.





INTEGRATED RENDERING

All Vectorworks software packages include Renderworks, the best-in-industry rendering feature set built on the award-winning Cinema 4D render engine. Renderworks provides the tools necessary to visualize your landscape model throughout the design process while producing clear and accurate illustrations.



CAMERA MATCH

Integrate photos taken on-site with your model, generating realistic adaptations of those images by matching the perspective vanishing lines in the photo with those in the modeled site. From there, you can create custom shadows, mask out other elements, and tailor the photo to your design vision without the need for an external editing application.



IMAGE COURTESY OF PACIFIC COAST LAND DESIGN.

SYSTEM RECOMMENDATIONS

Mac OS X 10.10

Mac OS X 10.11

Windows 7 SP 1 (64-bit)

Windows 8 (64-bit)

Windows 8.1 (64-bit)

Windows 10 (64-bit)

64-bit Intel Core i5

(or AMD equivalent) or better

RAM

4GB minimum

8GB recommended

8GB-16GB recommended for large
files and complex renderings

Graphics*

A dedicated graphics card is required

OpenGL 2.1 compatible graphics card

VRAM: 1GB minimum,

2GB-4GB recommended

Screen Resolution

1440x900 minimum

1920x1080 or higher recommended

* Several Vectorworks features have placed higher demands on graphic hardware. Additionally, the performance and quality of the graphics provided by the Vectorworks Graphics Module depend directly on the speed, memory, and supported extensions of the graphics card. These new features have the potential to provide a very fast and fluid experience if used on capable hardware, or a noticeably slower experience if used on older or incompatible hardware. Graphic cards should support at a minimum OpenGL version 2.1; cards not meeting this recommendation will have limited functionality and poor performance, particularly when rendering in OpenGL mode. In general, the more powerful your video card is, the better your Vectorworks experience will be.

For the most current and updated technical information, please visit our Knowledgebase at kbase.vectorworks.net. See vectorworks.net/sysreq/ for updated information.

ABOUT VECTORWORKS

Vectorworks cares about design. Since 1985, we have served the architecture, landscape, and entertainment industries, drawing inspiration from the world around us and encouraging the more than 650,000 designers who use our software to create experiences that transform the world.

Our commitment to develop the world's best cross-platform design software has taught us a simple truth: great design begins with the inspiration of the designer. Vectorworks supports that inspiration by guiding the exploration of discovery and finding creative solutions. We provide powerful tools to help designers capture ideas, nurture innovation, communicate effectively, and realize their vision.

We serve those who desire to create experiences that are memorable and build things that truly matter. We recognize that great design is about revealing opportunities that explore the unexpected, while fully satisfying the demands of an increasingly complex world. We acknowledge the value of a designer's dream and strive to facilitate the creation of something that's truly appreciated and uniquely positioned to express the best in the built environment.

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