EAGLE POINT

In-Depth Look

Site Analysis

Perform viewshed and usability analyses.

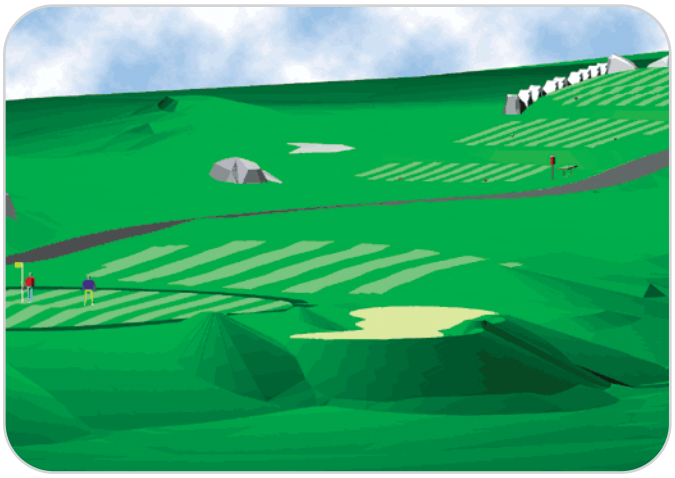
*Use **Site Analysis** in conjunction with a surface model to perform a usability analysis of a developed site. You can also use the viewing tools with 3-D symbols to produce a viewshed analysis.*

CREATE AN ACCURATE PLAN

Site Analysis analyzes viewsheds through single or multi-point views, creates composite maps so you to can analyze your plan and allows you to insert symbols that represent general areas, views, barriers, prevailing winds, etc.

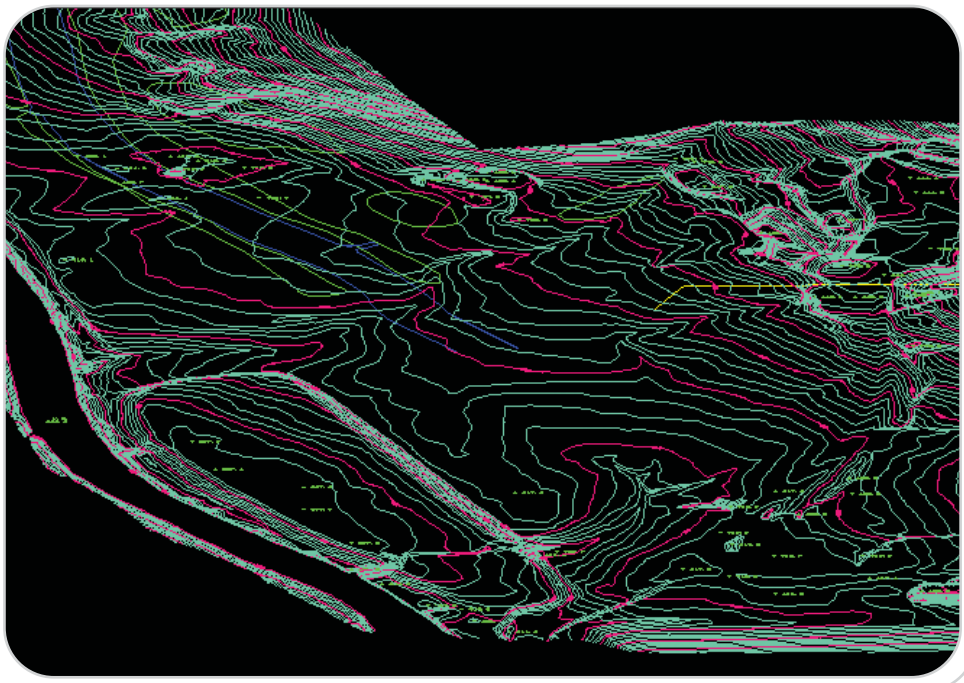
MAXIMIZE YOUR SITE

Site Analysis maximizes the potential of your site utilizing map overlay routines to find the best location for its various uses.



"The in-house training provided by your trainer, using a data model we supplied was a good format and the presentation was exceptional. This allowed us to identify areas for improvement from survey data capture to design output. He was able to provide us with the training and direction needed to take advantage of the power of Eagle Point, making us a more productive and knowledgeable group."

- ***Clary White, Supervisor Halifax Regional Municipality***



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SURFACE

- Generate a slope map based on user-defined categories. The output may be colored 3-D faces, plan view solid areas or closed polylines surrounding each class.
- Generate aspect maps in one of the eight cardinal directions or flat to show the general direction a slope faces.
- Generate maps showing elevation ranges as you request them.
- Calculate the actual surface area, average slope or average elevation within a specified area of the site.
- Analyze how water would flow on the site to determine if there will be any unexpected ponding.
- Calculate and graphically display the distance from a point or line.

VIEWS

- Define large areas, such as forests, that affect the results of a viewshed analysis without having to insert each individual tree.
- Map areas that are visible from a single observation point.
- Determine what areas of a terrain are visible from a number of viewpoints. Typically these viewpoints are located in a linear fashion, such as when traveling down a road.

MAPS

- Insert a variety of Site Analysis symbols into a drawing. Typically these symbols are used to show general areas, barriers, views, or prevailing winds.

MODELING

- Keep track of all the defined surface models.
- Add a new surface model and specify the parameters that control the surface model's triangulation, contours, elevation labels and rectangular grid.
- Control how arcs and curves are treated during the triangulation routine.
- Change the elevation of the contours that are selected.
- Create a surface model of selected objects such as points, lines, arcs, shapes and blocks/cells.
- Optimize creating surface models from contour maps.
- Preview contours without loading CAD.

ABOUT EAGLE POINT

For over 20 years, Eagle Point has provided the Land Development industry with business and technology solutions. We use a defined process to explore your business and provide you with the right balance of solutions to help your organization thrive. We've helped over 30,000 clients worldwide.

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