

# EarthWorks™

## Excavation Software for Construction Estimators

### Simple to Use



Most users are up and running in 1 day. Simply click on the desired icon (existing contour, proposed contour, spot elevation, subgrade, etc.) and begin inputting the information from the blueprint.

### Accuracy



Using a digitizer at 1/1000" accuracy, EarthWorks analyzes the input data and puts the information through a series of advanced mathematical calculations to ensure the highest level of accuracy.

### Easy Editing

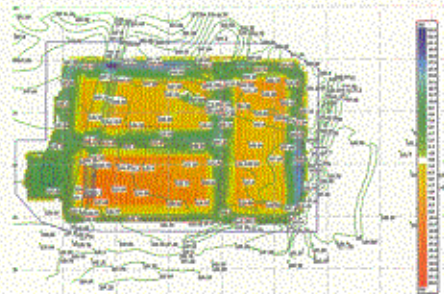
If you make a mistake or information has changed, it is simple to edit any information input with EarthWorks.

### Totals Report

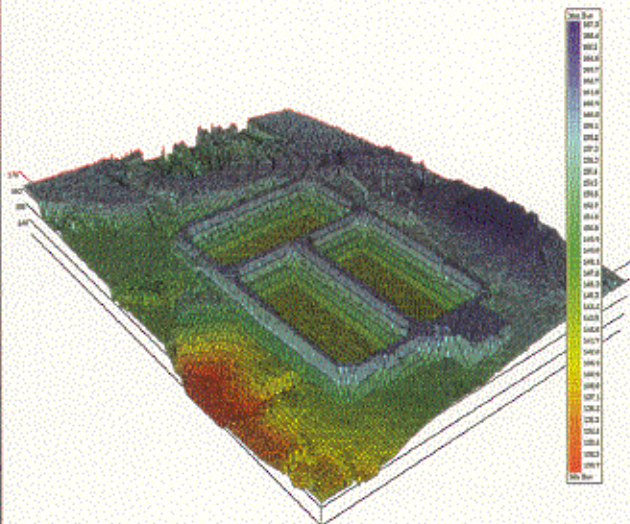
Cut & Fill Volumes, Import/Export Volumes, Subgrade Areas & Volumes, Topsoil stripping & respread are just a sample of the information the Totals Report prints.

### Cut & Fill Report

Color printout defines cut & fill depths through color shading.



EarthWorks Cut and Fill Report



EarthWorks Toolbar and 3D View

EarthWorks is ideal for any contractor who must generate Cut & Fill takeoffs from a set of blueprints. Using a digitizer, simply trace existing and proposed contours, input spot elevations and subgrade depths and let EarthWorks do the rest. Print 3-D and cross sectional printouts as well as cut & fill diagrams that detail the location of all cuts and fills by depth. Simple input, easy editing, and error checking are just some of the features found in EarthWorks Excavation software.

## Tally Systems, Inc.

3645 Camino Del Rio S.  
San Diego, CA 92108

(800)748-6636 (619)280-8222 (619)280-8224 fax

e-mail: [tally@ix.netcom.com](mailto:tally@ix.netcom.com) Homepage: [www.tallysystem.com](http://www.tallysystem.com)

# EarthWorks™



## Sound

EarthWorks will confirm the input of elevation information by repeating the information vocally through your computer's speakers.

## Balancing

EarthWorks can automatically balance the site with a simple click of a mouse.



## Scales

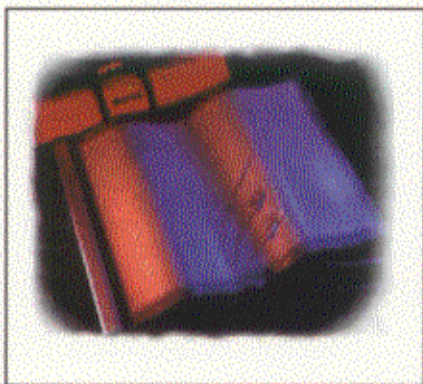
EarthWorks handles both Imperial and Metric scales and can also generate a custom scale for reduced or photo copied blueprints.

## 3-D and Cross Sections

View and print 3 Dimensional as well as cross sectional views.

## Error Checking

Input the smallest and largest elevation and EarthWorks will warn you when you have entered information outside of the range.



## GTCO Portable Roll Up Digitizer

GTCO is a registered trademark of GTCO Corp.

## Standard Features

### Existing Input Options:

Existing Contour - Trace existing contours  
Existing Spot Elevation  
Existing Point to Point  
Multiple Stripping Depths - Topsoil Removal  
Boring Samples - Multiple Strata  
Demolition (e.g. exist. asphalt/concrete removal)

### Proposed Input Options:

Proposed Contour - Trace proposed contours  
Proposed Spot Elevation  
Proposed Point to Point (top of curb)  
Proposed Area (Building Slabs)  
Multiple Subgrade Areas/Depths

### Other Options:

Automatic Balance/Manual Balance  
Timed Backup  
English and Metric Scales  
Audible Confirmation of Input

### Reports:

Totals Report - Cut & Fill volumes, Import/Export Volume  
3-Dimensional - Both Existing & Proposed  
Cross Section - User selected cross section view  
Cut & Fill Grid - Cut & fill report color shaded by depth.

Authorized Tally Systems Dealer: