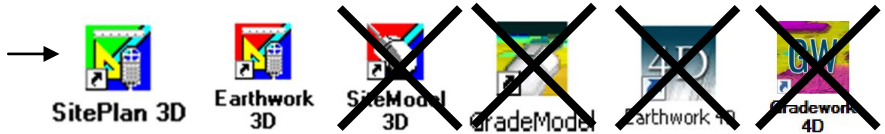# Program Overview
Requirements for Paper Plan Digitizing

The following software and hardware requirements apply to digitizing from paper plan sheets (see next page for working with PDF plan sheets) . . .
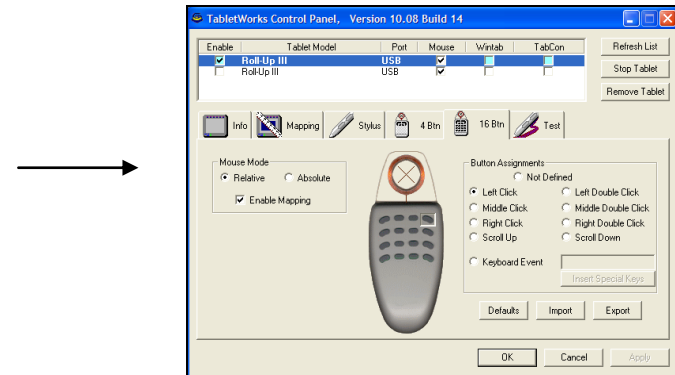
o Support for manual digitizing from paper plans is standard with AGTEK's *Earthwork 3D* and *SitePlan 3D* products (but paper digitizing is not supported by the *SiteModel 3D* and *GradeModel 3D* products). The old *Tablet 4D* paper digitizing option is not supported in current versions of *Earthwork 4D* and *Gradework 4D*.
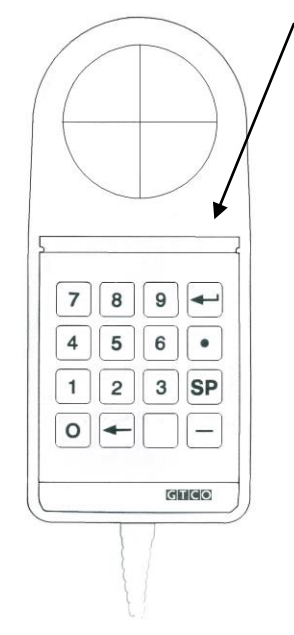

o A *GTCO* Rollup digitizing tablet with 16-button cursor is used to "trace" lines and enter elevations from paper plan sheets (AGTEK-compatible digitizers and 16-button cursors can be purchased from GTCO CalComp and used AGTEK digitizers are occasionally listed on eBay).

o GTCO's *TabletWorks* driver and setup software must be installed and properly configured. *TabletWorks* was automatically installed with the *AGTEK 3D* products, but users must configure the 16-button cursor keys for proper use—see *Section 1* of the *Earthwork 3D* user manual (or *Section 6* of *Sitework 4D*'s manual at **https://agtek.s3.amazonaws.com/Agtek/ n4gNNTe6WDNm**). For GTCO resource links, see **www.EarthworkSoftwareServices.com/ resourcesw.htm#gtco**.

o In rare circumstances, a software conflict may require that a user disable/re-enable the *TabletWorks* process in Windows; see **www.EarthworkSoftwareServices.com/ downloads/disable.pdf** for details.

o In order to use the digitizer with paper plans, the *Tablet Entry* option must be enabled in AGTEK (select **Options > Tablet Entry** from AGTEK's menu to enable/disable *Tablet Entry*).

o Conductive materials (including paper plans plotted with conductive ink) or electronic devices on, under, or near GTCO's Roll-Up style digitizers can interfere with the digitizer's operation. A work-around for plan sheets plotted with conductive ink is to digitize from a copy of the plotted sheet (or scan it to PDF).

o Scaling single and multiple paper plan sheets is covered in *Appendix F* (page 309) and *Appendix G* (page 317); steps for manual digitizing from a scaled paper plan sheet begin on page 80.

The 16-Button Cursor's Keys:

Pick objects and enter data points

Type numeric decimal point or *daylight* elevation code

SP Match horizontal and vertical point values when *snapping* (same function as **F8** *snap* and **Left**-click *Mouse Snap*)

Type negative/subtractive values

End data entry, change Entry pointer from *Crosshair* ✛ to *Arrow* ➚, and display **Right**-click menu (same function as **Right** click on mouse)

Delete last point

O - 9 Type numeric values

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