

Most importantly, CADD offers us a chance to have the drawings become graphic representations of nongraphic construction information. This information can be accessed and used to generate valuable reports about the project . . .

thickness and pattern. To achieve the three-level hierarchy of graphics for our working drawings, we typically only need to use a fraction of what is available.

WORKING DRAWINGS

It is important to remember that working drawings are not exclusively technical; they are the embodiment of both design intent and the technical means to achieve it.

Working drawings must meet the following criteria:

- *Physically endure for two or more years*
- *Be conducive to numerous revisions*
- *Remain clear through various printing, reproduction, publishing, and delivery techniques*
- *Hold up as reproductions under use in the field, including exposure to sunlight and dirt*
- *Be conclusive when viewed by individuals who might “guess” differently than their author*

OVERALL CLARITY OF DRAWINGS

Drawings, particularly floor plans, should be designed from the onset with a three-level hierarchy of graphics. The architectural graphics (i.e., walls, doors, windows, stairs) should occupy the *middle* level. Within this level the graphics should be appropriately assigned differential line weights and line styles to convey the design concepts and design intent. When viewing the drawing from a distance or when simply squinting your eyes, the dimensions and notes should not necessarily be clearly discernable, as these items are to