

# **INTERIOR DESIGN IN A FLASH**

**RAPID REVIEW OF KEY TOPICS  
FOR THE NCIDQ® EXAM**

SECOND EDITION

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What two things must a designer know about a space before the necessary number of exits can be determined?

Before a designer can determine how many of these are needed, both the floor area and the occupancy group must be known.

In terms of wallboard partitions,  
what are the common differences between  
residential and commercial construction?

The first typically uses 2×4 wood studs with 1/2 in (13 mm) wallboard, while the second typically uses metal studs with 5/8 in (16 mm) wallboard.

What two materials have largely supplanted plywood  
in interior construction applications?

Particleboard and medium-density fiberboard have generally supplanted this material in interior construction applications.

What range of percentages do space-planning efficiency ratios typically fall within?

These space planning ratios typically  
range from 60% to 80%.

How is a negotiated contract different  
from a bid (or tendered) contract?

With the former, the owner selects a contractor to do the work, and the two discuss the cost and terms of the contract.

With the latter, several contractors view the contract documents and submit cost proposals.

What is a daylight factor (DF)?

This is the ratio of the indoor illuminance  
at a point on a horizontal surface  
to the unobstructed exterior horizontal illuminance.

What is territoriality?

Human behavior that attempts to lay claim to space  
and give a sense of self-identity.

What is programming?

This is the process undertaken before design during which all pertinent information about a project is collected and analyzed.

What is a common way to determine the floor area required for an activity?

A common way to determine this is to multiply the area required per person by the number of people.

What voluntary, consensus-based national standard for developing high-performance, sustainable buildings was established by the U.S. Green Building Council?

Leadership in Energy and Environmental Design  
(LEED®) was established by this organization.

What type of scale is this, and when should it be used?



This is an example of a graphic scale.

A graphic scale should be included on drawings that have been resized in uneven increments or that might be used by a person who does not have an instrument with which to scale.

What consultant is responsible for designing new openings in the floor of an existing building?

The structural engineer is responsible for designing openings in the floor of this type of building.

What is a sole proprietorship?

This is a type of business  
that is owned by an individual  
who is personally liable for all debts of the company.