

ENVIRONMENTAL ANALYSIS OF
PATHOLOGY LABORATORY PATIENT SERVICE CENTERS:
A PATTERN LANGUAGE APPROACH

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ABSTRACT

This thesis employs the theories underlying environment and behavior research to address the needs of a pathology laboratory organization. The main focus of this work is to establish basic space requirements for new patient laboratory facilities. To provide the best access for patients, the organization leases space wherever possible. Each lab performs the same procedures; therefore the only differences that exist between labs are in the actual occupied space. This thesis establishes a taxonomy of minimum criteria for new facilities.

Through a series of visit to select facilities, an environmental assessment was performed and staff interviews were conducted to determine the existing and desired conditions within each facility. After the information was gathered, it was compiled to determine the common issues that affect the facilities. These data were then used to develop a 13 item criteria template that will direct the future acquisition of space for new laboratory facilities.