BUILDING & SITE ANALYSIS

SUMMARY OF ISSUES

This section of the feasibility study is an overview of the Science & Engineering Library’s existing site and architectural conditions. FFP performed this research while simultaneously developing the program discussed in Section 2. FFP’s structural, MEP, acoustical, and life safety consultants also prepared analysis documentation of existing conditions. All information guided the subsequent planning process.

Issues addressed at both the micro and macro scale include:

Building Analysis
• Respecting the existing Pereira building’s architectural heritage in terms of form, proportions, materials, and scale, and improving general awareness of the building’s function as a library.
• Understanding applicable codes and their implications for renovation.
• Replacement/upgrade of mechanical systems.
• Understanding requirements for hazardous materials abatement (for more information, see the Abatement Report in the Appendix).

Site Analysis
• Understanding the adjacent outdoor areas’ physical features and character in order to enhance/create landscapes for study, work, and socializing that reinforce the “garden campus” nature of USC.
• Defining the Library’s place within the USC campus in order to improve access and entry. Consider proximity to major campus arteries such as Bloom Walk and Watt Way.
• Enhancing the visual and physical connection between indoor and outdoor activities, which will, in turn, promote a connection to the rest of the Viterbi campus environs.
• Assessing DBSP and Library loading needs and considering how best to accommodate them within given site constraints.