

## INDEX

- Abercrombie, Stanley, 100  
 Absenteeism, 13  
 Accessible facilities, 456–458  
 Accountability:  
   delegation of, 193  
   for Project Circle, 728–729  
   on teams, 202, 206  
 Accounting, 164  
 Accreditation, 81–83, 85, 86, 103  
 Accrual accounting, 164  
 Ackerman, James, 20  
 Acoustics, 114, 543  
 Act of God clause (contracts), 443  
 Action item reports, 695  
 ADA (*see* Americans with Disabilities Act)  
 Adam, Robert, 27, 65  
 Adams, Scott, 267  
 ADC, 217  
 Adjustability (of working environment), 268  
 Administrative procedures, 692–693  
 Advertising, 186–187  
 Advocacy, user, 21  
 Aesthetics, 566  
 Ageloff, Scott, 110–111  
 AIA (*see* American Institute of Architects)  
 AIA agreement forms, 510  
 AIA Environmental Resource Guide, 317  
 AIA/Interior Design Accord, 464  
 AID (*see* American Institute of Designers; American Institute of Interior Designers)  
 Air quality, indoor (*see* Indoor air quality)  
 Alabama, 464  
 Albers, Josef, 33  
 Allegiance Healthcare, 425  
 Allen, Davis, 5, 35  
 Allen, Tom, 220  
 Alterations, ADA requirements for, 458  
 Ambiance, 754  
 Amenities (workplace analysis), 545–546  
 American Guaranty Corporation, 572–574  
 American Hospital, 425  
 American Institute of Architects (AIA), 5, 7, 18–19, 67, 69–71, 75, 173, 445, 464, 465  
 American Institute of Designers (AID), 70  
 American Institute of Interior Designers (AID), 83, 88  
 American office model (*see* Offices, design of)  
 American Society of Civil Engineers and Architects, 67  
 American Society of Interior Designers (ASID), 6, 7, 70, 75, 83, 88, 173, 464, 466–467  
 Americans with Disabilities Act (ADA), 454–459, 605  
 Amic, Madame L., 730  
 Amphibians, 294  
 AmSouth Bancorporation, 539, 540, 547–548  
*Analysis for the Interior Design Profession*, 474  
 Analysis software, 258  
 Andersen Consulting, 273  
 “Apostles,” clients as, 723, 741  
 Appearance (for presentations), 507  
 Application (learning level), 243  
 Arbitration, 663  
 Architect-architects, 20  
 Architects, 241, 279  
 Architects Club, 64  
 Architectural barriers, 456–458  
 Architectural model of interior design, 112  
*Architectural Practice* (Robert Gutman), 353  
 Architecture:  
   exterior vs. interior, 95  
   Florida’s definition of, 437  
   history of, as profession, 20  
   interior, 94–95  
   interior design vs., 5, 11–12, 19, 94  
   licensing issues with, 6, 7  
   local basis of, 353  
   organizational concept and, 572  
   “process,” 529  
 Archival data, 341, 343–344  
 Arkansas, 464  
 Arrogance, 9  
 Art, definition of, 10  
 Artist-architects, 20  
 Artistic integrity of design, 758  
 Arts and Crafts movement, 27, 33  
 Asbestos, 451, 453  
 ASID (*see* American Society of Interior Designers)  
 ASPA (Association of Specialized and Professional Accreditors), 83  
 Assembly lines, 29, 31  
 Assessment, project (*see* Successful design projects)  
 Assets, 164  
 Associated General Contractors, 67  
 Association of Management Accountants, 405  
 Association of Specialized and Professional Accreditors (ASPA), 83  
 Asynchronous communication, 261–262  
 Atmosphere, 754  
 Attitude, 7  
 Audit (in marketing plan), 181  
 Awards, 757–758  
 Badanes, Steve, 122  
 Bailey, Jana, 754–755, 759–760  
 Baldwin, Billy, 34  
 Bandwidth, 16–17, 262  
 Bank of America, 425  
 Barnard, Chester, 31  
 Baskin, Howard, 425–429  
 Bauhaus, 27, 33–35, 69  
 Baxter Healthcare, 425–427, 429  
 Bay, Tom, 374, 380  
 Bayer, Herbert, 33  
 Bayley, Stephen, 401  
 BC case study (*see* Business Credit case study)  
 BCBSA (*see* Blue Cross and Blue Shield Association)  
 Behavior:  
   and design, 330, 344–345  
   and negative impressions, 715  
 Behavioral observation, 344–345, 347  
 Behavioral outcomes, 746  
 Bell, Alexander Graham, 29  
 Benchmark Surveys, 397  
 Benchmarking, 394, 397, 399–406  
   activities involved in, 399  
   categories of, 397  
   information form for (sample), 402–404  
   as programming tool, 553  
   rationales for, 394  
   successful consultants in, 401, 404–405  
 Benefit packages, 154–155  
 Bense, Max, 401  
 BEPAC system, 314, 316  
 Berra, Yogi, 170  
 Bertioia, Harry, 37  
 Best practices (human relations), 156–158, 429  
 Beylerian, George, 123  
 Bidding process, 639–665  
   award of contract in, 651  
   compliance guidelines in, 650  
   contractor pre-qualification in, 641–642  
   contractor selection in, 657–659, 661–663, 665  
   evaluation of bids in, 651–656  
   opening bids in, 650  
   preparation of bid set in, 639–641  
   RFP preparation in, 642–649  
   for sustainable design projects, 311  
   and unique uses of materials, 607  
   walk-throughs/clarifications in, 650  
 Bilbao Guggenheim Museum, 255, 256  
 Black & Decker Corporation, 369  
 Blair, Ginny, 755, 762  
 Block, Kenneth M., 429–430  
 Blocking diagrams, 572  
 Blue Cross and Blue Shield Association (BCBSA), 409–411  
 Body language, 506–507  
 Boeing, 273  
 Boots the Chemists, 275–278  
 Bottom-up method (budget creation), 184  
 Boundaries, 94  
 Bowen, David E., 723, 742  
 Boyer Report for Architecture Education, 105  
 Bramante, Donato, 20  
 Brand, Stewart, 17, 18  
 Branding, 178–179  
 Breadth of knowledge, 243–244  
 BREEM system, 314, 316  
 Breuer, Marcel, 33  
 Brochures, 186  
 Brown, J. S., 327, 328  
 Brown, Jerry, 6  
 Brown Raysman Millstein Felder & Steiner LLP, 429  
 Brunelleschi, Filippo, 20  
 Bubble diagrams, 572  
 Buchanan, Richard, 44  
 Buckman Labs, 222  
 Budgets:  
   as basis of schematic designs, 579–580  
   construction, 580, 696  
   delivery of project within, 754–755  
   development of, 681–682, 696–697  
   furnishings, 696–697  
 internal, 691–692  
 marketing, 183–184  
 in schematic design/design development phases, 590  
 in workplace analysis, 545–546  
 (*See also* Costs; Fees)  
 Builder-architects, 20  
 Building codes, 293  
 Building ecology (*see* Sustainable design)  
 Building Evaluation Checklist, 518–519  
 Building manager, 304–305  
 Building materials, life cycles of, 294  
 Building-related illnesses, 451, 454  
 Building(s):  
   changes in, over time, 49 (*See also* History of interior design)  
   conceptions of, 17–18  
   efficiency of, 285  
   environmental impact of, 288–289  
   healthy, 289, 292  
   hermetically sealed, 303–304  
   networked vs. intelligent, 55  
   sick building syndrome, 289, 292, 451, 454  
   six components of, 18  
   as term, 449  
   (*See also specific headings*)  
 Buildout, management of, 665–667  
 Bureaucracies, 139  
 Burlington, Lord, 20  
 Business Credit (BC) case study, 411–413  
 Business development, 174–175, 493  
   courtship/relationship building in, 500  
   definition of, 174  
   finding prospects for, 495–496, 498–499  
   formalizing agreement in, 510  
   market research for, 494–495  
   negotiating terms in, 510  
   presentations as part of, 503, 505–508  
   proposal preparation in, 508–509  
   and qualifications submission, 501–502  
   qualifying prospects in, 499–500  
 Business goals/objectives (client’s), 540, 737–738  
 Business parks, 268  
 Business plans, 171  
 Business strategy, design and, 271, 277  
*Business Week*, 393  
 CAD (*see* Computer-aided design)  
 CAD/CAM (*see* Computer-aided design/computer-aided manufacturing)  
 CADD (*see* Computer-aided design and drafting)  
 CAFM (*see* Computer-aided facility management)  
 California, design laws in, 7, 438, 463, 464  
 Carbon dioxide emissions, 289  
 Cargill Dow LLC, 311  
 Carpet tiles, 307, 311  
 Carpeting, 301  
 Carreker, Helen, 122  
 Carroll, Lewis, 169

- Cash accounting, 164  
 CD (*see* Contract documentation)  
 Ceiling tiles, 293, 301, 307  
 The Center for Business and Technology Development, 420  
 Certification, 88–89  
 CFCs (*see* Chlorofluorocarbons)  
 Chagall, Marc, 33  
 Chair, life cycle of, 295–296  
*The Chair* (Galen Cranz), 98  
 Change management, 146–147, 406–415, 527  
 BC/BS case study, 409–411  
 critical activities for, 407–408  
 definition of, 406  
 financial company case study, 411–413  
 project manager's responsibility for, 699–700  
 training needed for, 408  
 traits/characteristics helpful in, 409  
 work involved in, 407  
 Change orders, 666  
 Change(s):  
 in design process, 277–279  
 drivers of, 269–271  
 innovative design used to stimulate, 277  
 manifestations of, 269  
 resistance to, 273  
 schedule revision to reflect, 691  
 in uses of time, 271–272  
 Charettes, 305, 577, 737  
 CHEA (Council for Higher Education Accreditation), 83  
 Chi, Tony, 755, 758, 759, 761–763  
 Chiat/Day, 327–328  
 Chicago Bulls, 193  
 Chlorofluorocarbons (CFCs), 287–289  
 Choosing projects, 762–763  
 Churn work, 13, 369–371  
 Clarity of drawings, 621–623  
 Clemons, Stephanie, 104  
 Client relationships, 721–748  
 and core team support, 731, 733  
 design team responsibility for, 731  
 effective communication for, 733–737  
 ideal, 722–724  
 identification of authority in, 759  
 measuring success of, 742–743, 745–748  
 as part of Project Circle, 724–731  
 project manager's responsibility for, 697–698  
 sustaining, 188–189  
 and understanding of business problems, 737–742  
 Clients:  
 collaborative relationships with, 9–10  
 contract design firm relationships with, 167–168  
 establishing goals of, 571  
 and ethical issues, 21  
 facility managers as, 369  
 “fit” with, 683  
 HHPA communications with, 610  
 identity definition in, 563, 565  
 identity reinforcement in, 753–754  
 managing relationships with (*see* Client relationships)  
 as marketing audience, 185  
 marketing of, 493  
 in new economy relationships, 133, 136  
 in old economy relationships, 132  
 and owner's representatives, 387, 389–390  
 preference for specialists by, 176  
 satisfaction of, 679–680, 752–753  
 setting performance goals with, 201  
 “show me” attitude of, 323  
 understanding, 12, 539, 683–684  
 uniqueness of, 539–540, 563  
 (*See also* Business development)  
 Club metaphor, 282  
 CO<sub>2</sub> emissions, 289  
 Coalitions, interior design, 468–469  
 Code of Ethics (AIA), 67, 69  
 Codes:  
 Americans with Disabilities Act, 605  
 building, 293  
 of ethics, 67, 69, 475, 477  
 flame-spread, 605  
 researching, 604–605  
 Codman, Ogden, Jr., 28  
 Cohen, Mitchell, 427, 429  
 Cohen & Hacker, 587  
 Cold calling, 498–499  
 Collaboration, 9–10, 16  
 among educators/professionals/industry, 119  
 distance and, 220–221  
 between public and design firms, 122  
 and schematic design, 561  
 Commercial interior design, 39, 563  
 Communication:  
 asynchronous, 222, 261–262  
 as change driver, 269, 271  
 for change management, 408  
 and client satisfaction, 679  
 during contract administration phase, 631, 633–634  
 between contractor/design professional, 658, 659  
 definition of, 174  
 digital, 218  
 for effectiveness, 733–737  
 encouragement of, 276  
 establishing protocols for, 693, 695  
 HHPA methodology for, 610  
 of identity/strategy through design, 271, 277  
 as key to success, 759–760  
 marketing, 185–188  
 as motivator, 713–714  
 and organizational innovation, 325, 327  
 of regulatory changes, 157  
 in schematic design phase, 569, 575, 577  
 synchronous, 261–262  
 Communication areas, 545  
 Community, as marketing audience, 186  
 Commuting, patterns of, 271, 272  
 Company identity, 175–176, 563, 565, 753–754  
 Comparison method (budget creation), 183  
 Compensation:  
 in contract design practices, 167–169  
 for employees, 152–154, 158  
 identifying, in proposal, 509  
 in residential interior design practices, 165, 167  
 Competencies, 21, 132–133  
 Competency examinations, 472  
 Completion of work, 630  
*Complexity and Contradiction* (Robert Venturi), 94  
 Compressed fiber panels, 297  
 Computer technology, 41–42  
 Computer-aided design (CAD), 247, 250–251, 254–255  
 and CAFM, 380–381  
 and information management/e-commerce, 260  
 Computer-aided design and drafting (CADD), 618, 619  
 Computer-aided design/computer-aided manufacturing (CAD/CAM), 255–257  
 Computer-aided facility management (CAFM), 369, 380–387  
 benefits of, 384–385, 387  
 common activities/responsibilities in, 383–384, 386  
 description of, 381–383  
 training for, 383  
 Concept development:  
 organizational, 571–574  
 relevance of research to, 325  
 visual, 574–575  
 Conde-Nast cafeteria, 255–257  
 Conference facilities:  
 virtual, 262  
 in workplace analysis, 545  
 Conferences, pre-bid, 650  
 Confidentiality, 21  
 Conflict of interest, 21  
 Conflicts (*see* Dispute resolution)  
 Congruence, 17  
 Connecticut, 464  
 Construction budgets, 580, 696  
 Construction documents:  
 and design team, 594–595  
 for sustainable design, 310, 311  
 Construction industry, impact of e-commerce on, 279  
 Construction management, 630, 640, 665–667  
 Construction phase:  
 environmental “shepherd” during, 311, 312  
 inspections during, 630, 639  
 waste during, 312, 313  
 Construction professionals on design team, 305  
 Construction Specifications Institute, 70  
 Consultants, 711–719  
 and consistent project management approach, 717  
 for corporate change processes, 513, 517–520  
 cost of, 692  
 design team use of, 577  
 HHPA communications with, 610  
 motivation of, 713–714  
 need for, 711  
 perception of project manager by, 714–715  
 timely response to needs of, 718  
 working with other, 523–525  
 (*See also* Technical consultants; Workplace consulting)  
 Continuing education, 106  
 Contract administration phase, 625–635, 637–669  
 award of contract in, 651  
 bid evaluation in, 651–656  
 bid opening/compliance in, 650  
 bid set preparation in, 639–641  
 bidding process in, 639–665  
 and buildout management, 665–667  
 and communication, 631, 633–634  
 contractor pre-qualification in, 641–642  
 contractor selection in, 657–659, 661–663, 665  
 as creative phase, 625–626  
 and design process, 627–630  
 permit process in, 637–639  
 RFP preparation in, 642–649  
 stages of, 628–630  
 walk-throughs/clarifications in, 650  
 at Walzworkinc., 625–635  
 Contract documentation (CD), 603–611  
 code research for, 604–605  
 communication related to, 610–611  
 drawings, 603  
 finish plans, 604  
 finishes specifications in, 609  
 furniture layouts, 604  
 and furniture procurement, 609–610  
 furniture specifications in, 608–609  
 information required in, 603  
 material research for, 605, 607  
 representations as, 247  
 specification manual, 603–604  
 sustainable design specifications in, 608  
 working drawings, 613–623  
 Contract interior design:  
 expertise areas of, 40  
 financial management fundamentals for, 162  
 financial management structure for, 167–169  
 history of, 34, 37–38  
 Contracting, performance-based, 323–324  
 Contractors:  
 communication skills of, 658, 659  
 customer service as priority of, 658  
 and dispute resolution, 663  
 experience/viability of, 659  
 expertise of, 657–658  
 insurance maintained by, 662  
 licensing of, 663  
 in new economy relationships, 133, 136  
 in old economy relationships, 132  
 pre-qualification of, 641–642  
 price as basis for selection of, 661–662  
 prices quoted by, 630  
 references for, 659, 661  
 selection of, 657–659, 661–663, 665