Contents

Editors' Notes and Acknowledgments ix

Contributing Authors and Their Affiliations xi

	Freiace to the First Edition, Ian L. McHarg XIII
PART I	
	efinition, Design, and Development of nment
CHAPTER 1 CHAPTER 2	The Part Milliam Delimitor and Deope, Tom J. Dikitookii J
PART II	
	Human-Environmental-Technical Dimensions rironment
CHAPTER 3	Understanding Environment(s): Built and Natural, Tom J. Bartuska 33
CHAPTER 4	Designing with People: Human Behavior, Culture, and User Participation, Paul G. Windley and Wendy R. McClure 45
CHAPTER 5	Designing with the Environment: Land and Climate, Michael S. Owen and Bruce T. Haglund 57
CHAPTER 6	Designing with Technology: A Collaborative and Creative Process, Matthew A. Taylor and Kenneth L. Carper 65
CHAPTER 7	Designing with a Visual Language: Elements and Ordering Systems, Gregory A. Kessler 75
PART III	
	Planning Components (Levels of Integration) ronment85
COMPONENT 1	PRODUCTS: Industrial and Product Design 93
CHAPTER 8	The Humanly Made Object, CATHERINE M. BICKNELL 97
CHAPTER 9	From Craft Tradition to Industrial Design, Catherine M. Bicknell 105

COMPONENT 2	INTERIORS: Interior Design 115
CHAPTER 10	Cultural Blueprints of Human Existence, John C. Turpin 119
CHAPTER 11	Human Nature and the Near Environment, NANCY H. BLOSSOM 131
CHAPTER 12	Interior Design: Contemporary Issues and Challenges, Jo Ann A. Thompson and Tina H. Johansen 143
COMPONENT 3	STRUCTURES: Architecture, Engineering, and Construction 153
CHAPTER 13	Historic and Contemporary Trends in Architecture, KATHERINE M. KEANE 157
CHAPTER 14	Architecture as a Cultural Layer, Wendy R. McClure 169
CHAPTER 15	The Fitness Test: Designing with Human and Environmental Factors, BRUCE T. HAGLUND AND TOM J. BARTUSKA 181
CHAPTER 16	Engineering Contributions, CARL W. HALL 195
CHAPTER 17	Constructing the Built Environment, W. Max Kirk 203
COMPONENT 4	LANDSCAPES: Landscape Architecture and Planning 213
CHAPTER 18	Landscape Architecture through Time, Frederick R. Steiner 217
CHAPTER 19	Landscape Architecture Today: Purpose, Process, and Palette, Kenneth R. Brooks 229
CHAPTER 20	Comparative Campus Design and Planning, Phillip S. Waite 241
COMPONENT 5	CITIES: Urban Design and Planning 253
CHAPTER 21	The History of Urbanization, ROBERT J. PATTON 257
CHAPTER 22	The Inherited City as a Resource, ROBERT M. BARON 265
CHAPTER 23	Cities Today: The Imprint of Human Needs in Urban Patterns and Form Tom J. Bartuska 277
CHAPTER 24	Urban Design and Planning, Michael S. Owen 291
COMPONENT 6	REGIONS: Regional Planning and Management 301
CHAPTER 25	Defining and Planning the Regional Context, BARBARA M. PARMENTER 305
CHAPTER 26	Regional Planning: Historic and Contemporary Developments, Frederick R. Steiner 315
CHAPTER 27	Connections: Products to Regional Planning and Policies, WILLIAM W. BUDD 327
COMPONENT 7	EARTH: Global Policies, Planning, and Management 339
CHAPTER 28	Global Life-Support System and the Built Environment, ELDON H. FRANZ 343
CHAPTER 29	Taking Local-Global Action in the Built Environment, DIANE ARMPRIEST 355

PART	IV		
Challenges: Designing and Planning a Quality Sustainable Environment for All			
C	CHAPTER	30	Urbanization and the Global Housing Crisis, Bashir A. Kazimee 371
C	CHAPTER	31	Livable/Sustainable Communities, Wendy R. McClure 379
C	CHAPTER	32	Conspectus, Tom J. Bartuska 391
Index	397		