

Construction and Design Manual Drawing for Landscape Architects

Sabrina Wilk

Drawing equipment, paper and lines

	Drawing tools		The line
10	Pencils	16	Pencil vs. ink
11	Ink pens	18	Rendering with marker
12	Rendering	20	Line weights
14	Other drawing equipment	24	Line types, quality and effect
15	Work space, papers and sketchbook	26	Lines and expression
		28	Graphic possibilities

Projections

32	Introduction	35	Uses
34	Overview		

The plan view and the rendition of symbols

	Scale		Surfaces and materials
38	Scale and drawings	86	Paving patterns and scales
	Buildings	88	Freehand surfaces
40	Floor plans and roof plans	90	Walls, stairs and ramps
41	Roof plans and shadows	91	Rocks and stone walls
	Trees and vegetation		Water
42	Drawing trees	92	Built water features
48	Tree symbols	95	Moving water
52	Shade, shadows and tonal values		Living scenes
56	Tree groups	96	Furniture and people
64	Shrubs, hedges and grass		Topography and terrain
66	Trimmed hedges and woody plants	98	Contour lines
70	Vegetation surfaces	101	Retaining walls
72	Flowering plants		Graphic symbols
76	Sketching planting beds	102	North arrow and graphic scales
	Built structures		Putting everything together
82	Pergolas, garden pavilions and arbours	104	Drawing process
		106	Elements of a successful line drawing

Elevation and section

	Elevation		Built structures
110	Introduction	134	Pergolas, pavilions and arbours
112	Construction	136	Walls and materials
	Vegetation in elevation	138	Water
116	Trees	139	People
128	Shrubs and woody plants		Section and section-elevation
129	Potted plants	140	Introduction
130	Ground cover, grasses and flowering plants	142	Sections through buildings
132	Adding depth	144	Section cutlines
		145	Constructing a section
		146	Uses and scales
		148	Section cut area
		150	Examples

Parallel projections

Parallel projections	Axonometric projection
158 Introduction	161 Introduction and construction
159 Isometric	162 Circles
Elevation oblique	163 Trees
160 Introduction and construction	164 Vegetation
	166 Construction steps

Perspective

Perspective projection	Construction methods
172 Introduction	194 From the plan view
174 Characteristics	198 Using a perspective grid
178 Vanishing points	204 From photos
180 Types of perspective	206 Drawing freehand perspectives
182 Coordinates and sightlines	208 Estimating proportions
183 Cone of vision	210 Freehand one-point perspective
184 Constructing a perspective grid	212 Freehand two-point perspectives
185 Diagonals	214 Atmospheric perspective
186 Horizon line and pictorial effect	216 Graphic emphasis
188 Stairs and ramps	
189 Reflections	
190 Repetitive forms and dimensions	

Architectural presentations, layout and lettering

Layout	Adding words to a presentation
220 Introduction	234 Text size and hierarchy
222 Formats	235 Key words vs. the legend
223 ISO Standards (DIN)	236 Hand lettering
224 Symmetry and Asymmetry	238 Futura alphabet
230 Montage	
233 Ordering information	

Landscape architects

242 atelier le balto	282 Dieter Kienast
248 Aubock + Karasz	286 Landscape Projects
252 Die Grille	294 LDA Design
262 Garrett Eckbo	304 Iohrer.hochrein
264 Thomas Grubert	312 PWL Partnership
272 Gustafson Porter	326 Rummey design
276 Sabine Heine	334 WES LandschaftsArchitektur
	350 West 8

Appendix

354 Final thoughts	356 Index
355 Acknowledgements	357 Bibliography