

CONTENTS

1. Site Survey and Analysis-G.W. Hyden	1
1.1 Introduction	1
1.2. Data Collection	1
1.3. Site Survey	3
1.4. Presentation of Information	7
1.5 Analysis	12
2. Site Planning-Sylvia Crowe	15
2.1. Introduction	15
2.2. The Basis of The Site Plan	16
2.3. Information Needed For preparation of Site Plan	17
2.4. Site Factors	17
2.5. Use Factors	19
2.6. Cost	28
2.7. Maintenance	28
2.8. Timing	29
2.9. Elements of The plan	31
3. Earthworks and Ground Modelling – Brian Hackett	44
3.1. Survey	44
3.2. Soil and subsoil Characteristics	44
3.3. Ground Shapes	46
3.4. Grading Principles and methods	49
3.5. Earthmoving Methods	51
3.6. Compaction	53
3.7. Filling Materials	55
3.8. Calculation of Cut and fill	55
3.9. Contracting Procedure	57
3.10. Drainage	58
4. Hard Surfaces- Timothy Cochrane	63
4.1. Introduction	63
4.2. Types of hard surface	67
4.3. Drainage and services	71
4.4. Trim and Changes of Level	77
4.5. Planting in Paved Areas	79
5. Enclosure-Frederick Gibberd	81
5.1. Need For Enclosure	81
5.2. Plan for Enclosure	82

5.3. Walls for Enclosure	84
5.4. Fences and Railings	89
5.5. Bollards	95
6. Outdoor Fittings and Furniture –Ian purdy	97
6.1. Seats and Sitting areas	97
6.2. Pkabt Cibtaubers	101
6.3. Lamps and lighting	103
6.4. Litter Bins	109
6.5. Signs and Signboards	113
7. Water-D.G. Thornley	119
7.1. Introduction	119
7.2. Tranquil water	121
7.3. Turbulent water	126
7.4. Biological Aspects	129
7.5. Water in Storage Reservoirs	130
8. Planting Techniques-Patricia Booth	141
8.1. Introduction	141
8.2. Plants and the soil	141
8.3. Planting Design	144
8.4. Plant Material	148
8.5. Ground Preparation	151
8.6. Planting and Establishment of Plants	153
8.7. Maintenance	157
9. Turf-Ian Greenfield	161
9.1. Soils	161
9.2. Grasses	163
9.3. Establishment of Grassed Areas	166
9.4. Maintenance	166
9.5. Turf Dressings	171
9.6. Turf Management	173
9.7. The Establishment of Turf surfaces in difficult areas	177
9.8. Calendar of turf management	180
10. Tree Planting-Brenda Colvin	183
10.1 Tree Planting	183
10.2. Preparation of Ground for new planting	187
10.3. Planting	190
10.4. New Plantations	192
10.5. Fencing and Tree Guards	193
10.6. Shelter Belts and Screen Planting	194

10.7. Maintenance and Care of Trees	197
10.8. Choice of Species	199
10.9. Costs	201
11. Maintenance and Conservation-Tom Wright and John Parker	204
11.1. Introduction	204
11.2. Maintenance policies	204
11.3. Maintenance Practice	211
11.4. machinery and Equipment	214
11.5. Rates and costs of landscape maintenance	217
11.6. Maintenance of Vegetation	278
11.7. Herbicides and landscape maintenance	224
11.8. Plant Pests and Disease	226
11.9. Conservation	228
11.10. Some Conservation Data	234
11.11. Conservation and the future	235
12. Professional Practice-Geoffrey Collens	237
12.1. The Client	237
12.2. briefing and conditions of Engagement	238
12.3. Landscape reports	239
12.4. Landscape drawings, specification and bill of quantities	240
12.5. Letting the contract	241

12.6. Consultations before and during contracts	242
12.7. Contract management and supervision	243
12.8. Negotiations and legislation relevant to landscape	245
Index	263