

TABLE OF CONTENTS

436 Winery Caves [SFM] 121
 437 Reserved 122
 438 Reserved 122
 439 Public Libraries [SL & SFM] 122
 440 Group C [SFM] 123
 441 Reserved 125
 442 Group E [SFM] 125
 443 Group L [SFM] 126
 444 Reserved 129
 445 Large-family Day Care Homes [SFM] 129

CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS..... 133

Section
 501 General 133
 502 Definitions 133
 503 General Height and Area Limitations 133
 504 Height 135
 505 Mezzanines 135
 506 Area Modifications 136
 507 Unlimited Area Buildings 137
 508 Mixed Use and Occupancy 139
 509 Special Provisions 140

CHAPTER 6 TYPES OF CONSTRUCTION ... 147

Section
 601 General 147
 602 Construction Classification 147
 603 Combustible Material in Type I and II Construction 148

CHAPTER 7 FIRE-RESISTANCE-RATED CONSTRUCTION..... 153

Section
 701 General 153
 702 Definitions 153
 703 Fire-resistance Ratings and Fire Tests 154
 704 Exterior Walls 155
 705 Fire Walls 158
 706 Fire Barriers 160
 707 Shaft Enclosures 162
 708 Fire Partitions 164
 709 Smoke Barriers 165
 710 Smoke Partitions 166
 711 Horizontal Assemblies 166

712 Penetrations 167
 713 Fire-resistant Joint Systems 169
 714 Fire-resistance Rating of Structural Members 170
 715 Opening Protectives 171
 716 Ducts and Air Transfer Openings 175
 717 Concealed Spaces 178
 718 Fire-resistance Requirements for Plaster 180
 719 Thermal- and Sound-insulating Materials 181
 720 Prescriptive Fire Resistance 181
 721 Calculated Fire Resistance 202

CHAPTER 7A MATERIALS AND CONSTRUCTION METHODS FOR EXTERIOR WILDFIRE EXPOSURE 235

Section
 701A Scope, Purpose and Application 235
 702A Definitions 235
 703A Standards of Quality 236
 704A Materials, Systems and Methods of Construction 236

CHAPTER 8 INTERIOR FINISHES..... 241

Section
 801 General 241
 802 Definitions 241
 803 Wall and Ceiling Finishes 241
 804 Interior Floor Finish 243
 805 Combustible Materials in Types I and II Construction 244
 806 Decorative Materials and Trim 244

CHAPTER 9 FIRE PROTECTION SYSTEMS..... 251

Section
 901 General 251
 902 Definitions 251
 903 Automatic Sprinkler Systems 254
 904 Alternative Automatic Fire-extinguishing Systems 260
 905 Standpipe Systems 261
 906 Portable Fire Extinguishers 264
 907 Fire Alarm and Detection Systems 264
 908 Emergency Alarm Systems 278
 909 Smoke Control Systems 279R