CHAPTER 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES

Section

1501 General

1502 Definitions

1503 Weather Protection

1504 Performance Requirements

1505 Fire Classification

1506 Materials

1507 Requirements for Roof Coverings

1508 Roof Insulation

1509 Rooftop Structures

1510 Reroofing

CHAPTER 16 STRUCTURAL DESIGN

Section

1601 General

1602 Definitions and Notations

1603 Construction Documents

1604 General Design Requirements

1605 Load Combinations

1606 Dead Loads

1607 Live Loads

1608 Snow Loads

1609 Wind Loads

1610 Soil Lateral Loads

1611 Rain Loads

1612 Flood Loads

1613 Earthquake Loads

1614 Structural Integrity

CHAPTER 17 STRUCTURAL TESTS AND SPECIAL INSPECTIONS

Section

1701 General

1702 Definitions

1703 Approvals

1704 Special Inspections

1705 Statement of Special Inspections

1706 Special Inspections for Wind Requirements

1707 Special Inspections for Seismic Resistance

1708 Structural Testing for Seismic Resistance

1709 Contractor Responsibility

CHAPTER 18 SOILS AND FOUNDATIONS

Section

1801 General

1802 Definitions

1803 Geotechnical Investigations

1804 Excavation, Grading and Fill

1805 Dampproofing and Waterproofing

1806 Presumptive Load-bearing Values of Soil

1807 Foundation Walls, Retaining Walls and

Embedded Posts and Poles

1808 Foundations

1809 Shallow Foundations

CHAPTER 19 CONCRETE

Section

1901 General

1902 Definitions

1903 Specifications for Tests and Materials

1904 Durability Requirements

1905 Concrete Quality, Mixing and Placing

1906 Formwork, Embedded Pipes and

Construction Joints

1907 Details of Reinforcement

1908 Modifications to ACI 318

1909 Structural Plain Concrete

1910 Minimum Slab Provisions

1911 Anchorage to Concrete—Allowable

Stress Design

1912 Anchorage to Concrete—Strength Design

1913 Shotcrete

1914 Reinforced Gypsum Concrete

1915 Concrete-filled Pipe Columns

CHAPTER 20 ALUMINUM

Section

2001 General

2002 Materials

CHAPTER 21 MASONRY

Section

2101 General

2102 Definitions and Notations

2103 Masonry Construction Materials

2104 Construction

2105 Quality Assurance

2106 Seismic Design

2107 Allowable Stress Design

2108 Strength Design of Masonry

2109 Empirical Design of Masonry

2110 Glass Unit Masonry

2111 Masonry Fireplaces

2112 Masonry Heaters

2113 Masonry Chimneys

CHAPTER 22 STEEL

Section

2201 General

2202 Definitions

2203 Identification and Protection of Steel

for Structural Purposes

2204 Connections

2205 Structural Steel

2206 Steel Joists

2207 Steel Cable Structures

2208 Steel Storage Racks

2209 Cold-formed Steel

2210 Cold-formed Steel Light-frame Construction

CHAPTER 23 WOOD