#### **VOLUME I**

#### PROCUREMENT AND CONTRACTING DOCUMENTS GROUP

#### **DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS**

00 31 32	Geotechnical Data
00 70 00	General Conditions
00 73 00	Supplementary Conditions

# SPECIFICATIONS GROUP General Requirements Subgroup

#### **DIVISION 01 - GENERAL REQUIREMENTS**

01	10 00	Summary
01	25 00	Substitution Procedures
01	26 00	Contract Modification Procedures
01	29 00	Payment Procedures
01	31 00	Project Management and Coordination
01	32 00	Construction Progress Documentation
01	32 33	Photographic Documentation
01	33 00	Submittal Procedures
01	40 00	Quality Requirements
01	42 00	References
01	50 00	Temporary Facilities and Controls
01	60 00	Product Requirements
01	73 00	Execution
01	77 00	Closeout Procedures
01	78 23	Operation and Maintenance Data
01	78 39	Project Record Documents
01	79 00	Demonstration and Training

# **Facility Construction Subgroup**

# **DIVISION 02 - EXISTING CONDITIONS** (NOT APPLICABLE)

#### **DIVISION 03 - CONCRETE**

03 10 10	Concrete Formwork (Areas C and D)
03 11 00	Concrete Forming (Areas A and B)
03 20 00	Concrete Reinforcing (Areas A and B)
03 20 10	Concrete Reinforcement (Areas C and D)
03 30 00	Cast-in-Place Concrete (Areas A and B)
03 30 10	Cast-in-Place Concrete (Areas C and D)

11044 **TABLE OF CONTENTS** 

The Axis at Block 400 Indianapolis, Indiana

# **DIVISION 03 - CONCRETE (cont.)**

03 35 00	Concrete Finishes
03 38 00	Post-Tensioned Concrete (Areas A and B)
03 41 13	Precast Concrete Hollow Core Planks
03 54 13	Gypsum Cement Underlayment

# **DIVISION 04 - MASONRY**

	Ph.1
04 00 00	[Not Used]
04 20 00	Unit Masonry
04 42 51	Prefabricated Stone Panels
04 43 13	Adhered Stone Masonry Veneer
04 73 00	Manufactured Stone Masonry

DIVISION 05 - METALS		
05 12 00	Structural Steel (Areas A and B)	
05 12 10	Structural Steel (Areas C and D)	
05 31 00	Steel Roof Deck (Areas A and B)	
05 31 50	Composite Metal Floor Deck (Areas A and B)	
05 40 00	Cold-formed Metal Framing	
05 50 00	Metal Fabrications	
05 50 01	Metal Fabrications	
05 51 00	Metal Stairs	
05 51 19	Metal Grating Stairs	
05 51 33	Alternating Tread Steel Stairs	
05 52 13	Pipe and Tube Railings	
05 52 14	Pipe and Tube Railings	
05 53 00	Metal Gratings	
05 70 00	Decorative Metal	
05 71 13	Fabricated Metal Spiral Stairs	
05 73 00	Decorative Metal Railings	
05 73 01	Decorative Metal Railings	
05 73 10	Decorative Stainless Steel Cable Railings	

3 TABLE OF CONTENTS

# **VOLUME II**

DIVISION 0	6 - WOOD, PLASTICS, AND COMPOSITES
06 10 00	Rough Carpentry
06 10 53	Miscellaneous Rough Carpentry
06 10 54	Miscellaneous Rough Carpentry
06 15 34	Wood Tile Patio Decking
06 16 43	Gypsum Board Sheathing
06 17 53	Metal Plate Connected Wood Trusses
06 18 00	Structural Glued Laminated Timber
06 20 13	Exterior Wood Siding
06 20 14	Exterior Finish Carpentry
06 40 00	Interior Architectural Woodwork
06 41 16	Plastic-laminate-faced Architectural Cabinets
06 46 00	Wood Trim
06 48 00	Wood Frames
06 64 00	Plastic Paneling
DIVISION 0	7 - THERMAL AND MOISTURE PROTECTION
07 11 13	Bituminous Dampproofing
07.40.00	0 1( A 11 : 01 + 1)A/ + ('

# ON

07 11 13	Bituminous Dampproofing
07 13 26	Self-Adhering Sheet Waterproofing
07 13 54	PVC Sheet Waterproofing
07 18 16	Traffic Coatings
07 21 00	Thermal Insulation
07 21 19	Spray Foam Insulation
07 24 13	[Not Used]
07 25 00	Weather Barriers
07 26 00	Underslab Vapor Retarder
07 27 26	Fluid-applied Membrane Air Barriers
07 41 13	Standing-seam Metal Roof Panels
07 41 16	Standing-seam Metal Wall Panels
07 42 16	Formed Metal Wall Panels
07 46 00	Fiber Cement Siding
07 54 23	Thermoplastic Polyolefin (TPO) Roofing
07 62 00	Sheet Metal Flashing and Trim
07 71 00	Roof Specialties
07 71 29	Manufactured Roof Expansion Joints
07 72 00	Roof Accessories
07 81 00	Applied Fireproofing
07 84 13	Penetration Firestopping
07 84 14	Penetration Firestopping
07 84 20	Fire-resistive Joint Systems
07 84 47	Fire-resistive Joint Systems

The Axis at Block 400 Indianapolis, Indiana

07 90 00	Deck Waterproofing (Areas A& B)
07 92 00	Joint Sealants
07 92 01	Joint Sealants
07 95 13	Architectural Expansion Control

#### **DIVISION 08 - OPENINGS**

08 11 00	Hollow Metal Doors and Frames
08 11 13	Hollow Metal Doors and Frames
08 11 26	Balcony Steel Doors
08 14 00	Flush Wood Doors
08 14 16	Flush Wood Doors
08 14 23	Molded Hardboard Doors
08 14 33	Stile and Rail Wood Doors
08 15 48	Fiberglass Doors
08 31 00	Access Doors and Frames
08 33 23	Overhead Coiling Doors
08 33 26	Overhead Coiling Grilles
08 41 00	Aluminum Framed Folding Panel System
08 41 13	Aluminum-Framed Entrances and Storefronts
08 41 14	Aluminum-framed Entrances and Storefronts
08 41 26	All-glass Entrances and Storefronts
08 44 13	Glazed Aluminum Curtain Walls
08 51 13	Aluminum Windows
08 71 00	Door Hardware
00 08 80	Exterior Glazing
08 80 01	Glazing
08 81 13	Decorative Glass Glazing
08 83 00	Mirrors
08 91 19	Fixed Louvers

# **DIVISION 09 - FINISHES**

09 21 16	Gypsum Board Shaft Wall Assemblies
09 22 16	Non-structural Metal Framing
09 29 00	Gypsum Board
09 30 00	Tiling
09 30 01	Tiling
09 62 70	Laminate Wood Flooring
09 64 00	Wood Flooring
09 65 13	Resilient Base and Accessories
09 65 14	Resilient Base and Accessories
09 65 16	Resilient Sheet Flooring
09 65 19	Resilient Tile Flooring
09 68 13	Tile Carpeting

11044 5
The Axis at Block 400 TABLE OF CONTENTS

The Axis at Block 400 Indianapolis, Indiana

09 68 16	Sheet Carpeting
09 68 17	Sheet Carpet - Glue Down
09 72 00	Wall Coverings
09 91 13	Exterior Painting
09 91 23	Interior Painting
09 91 24	Interior Painting
09 93 00	Staining and Transparent Finishing
09 96 00	High-performance Coatings
09 96 53	Elastomeric Coatings

#### **DIVISION 10 - SPECIALTIES**

10 14 13	Sign Cabinet
10 14 23	Panel Signage
10 26 00	Wall and Door Protection
10 28 00	Toilet, Bath, and Laundry Accessories
10 28 19	Tub and Shower Doors
10 31 00	Manufactured Fireplaces
10 44 13	Fire Extinguisher Cabinets
10 44 14	Fire Protection Cabinets
10 44 16	Fire Extinguishers
10 44 17	Fire Extinguishers
10 55 00	Postal Specialties

# **DIVISION 11 - EQUIPMENT**

11 13 00	Loading Dock Equipment
11 31 00	Residential Appliances

#### **DIVISION 12 - FURNISHINGS**

12 21 13	Horizontal Louver Blinds
12 24 13	Roller Window Shades
12 32 16	Manufactured Laminate-Faced Casework
12 36 13	Concrete Countertops
12 36 26	Plastic-laminate-clad Countertops And Shelving
12 36 40	Stone Countertops
12 36 41	Stone Countertops
12 36 61	Simulated Stone Countertops
12 36 62	Simulated Stone Countertops
12 48 13	Entrance Floor Mats and Frames
12 93 00	Site Furnishings

# **DIVISION 13 - SPECIAL CONSTRUCTION**

13 12 13 Exterior Water Features

11044 6
The Axis at Block 400 TABLE OF CONTENTS
Indianapolis, Indiana

# **DIVISION 14 - CONVEYING EQUIPMENT**

14 21 00	Electric Traction Elevators
14 24 00	Hydraulic Elevators
14 42 16	Vertical Wheelchair Lifts
14 91 00	Facility Chutes

# **VOLUME III**

# Facility Services Subgroup

D. 11	
	0 – MECHANICAL GENERAL REQUIREMENTS
20 00 10	Basic Mechanical Requirements
20 00 30	Electrical Requirements for Mechanical Equipment
20 00 35	Variable Frequency Drives
20 00 42	Testing and Proof Of Performance
20 00 50	Basic Mechanical Materials and Methods
20 01 00	Valves
20 01 40	Supports and Anchors
20 01 90	Mechanical Identification
20 02 40	Vibration Control
20 02 50	Mechanical Insulation
DIVISION 2	1 - FIRE SUPPRESSION
21 13 13	Wet Pipe Sprinkler System
21 13 16	Dry Pipe Sprinkler
21 31 13	Centrifugal Fire Pump
DIVISION 2	2 - PLUMBING
22 11 13	Water Distribution Piping
22 11 16	Domestic Water Distribution Piping
22 11 23	Plumbing Pumps
22 13 13	Sanitary Sewers
22 13 16	Drainage and Vent System
22 13 23	Interceptors
22 33 02	Residential Electric Water Heaters
22 40 00	Plumbing Fixtures
DIVISION 2	3 - HEATING VENTILATING AND AIR CONDITIONING
23 05 93	Testing Adjusting and Balancing
23 11 23	Natural Gas Systems
23 23 00	Refrigerant Piping
23 31 13	Ductwork
23 33 00	Ductwork Accessories
23 34 16	Centrifugal Fans
23 34 23	Exhaust Fans
23 36 00	Variable Volume Terminal Units
23 37 13	Diffusers Registers and Grilles
23 41 00	Particulate Air Filtration
23 51 00	Breeching, Chimneys and Stacks
23 62 00	Split System Condensing Units

11044 8 TABLE OF CONTENTS

The Axis at Block 400

Indianapolis, Indiana

23 73 23	VAV Custom Air Handling Units	
23 74 33	Rooftop Heating and Cooling Units	
23 81 25	Variable Flow Refrigerant Systems	
23 81 26	Vertical Split Systems	
23 82 01	Electric Terminal Units	

#### DIVISION 26 - ELECTRICAL

DIVISION	20 - ELECTRICAL
26 05 00	Basic Electrical Requirements
26 05 02	Equipment Wiring Systems
26 05 10	Electrical Testing
26 05 19	Low Voltage Electrical Power Conductors and Cables
26 05 21	Metal Clad Cables Type MC- 600 Volts and Less, SE and NM Cables
26 05 23	Control Voltage Electrical Power Cables
26 05 26	Grounding and Bonding for Electrical Systems
25 05 29	Hangers and Supports for Electrical Systems
26 05 30	Conduits
26 05 34	Boxes
26 05 43	Manholes and Handholes
26 05 44	Ductbanks
25 04 48	Vibration and Seismic Controls for Electrical Systems
26 05 53	Identification for Electrical Systems
26 05 74	Electrical Systems Studies
26 09 24	Lighting Control – Occupancy Sensors
26 09 25	Lighting Control – Photocells and Timeclocks
26 09 29	Lighting Contactors
26 09 34	Architectural Dimming System
26 22 00	Low-Voltage Transformers
26 24 13	Switchboards
26 24 16	Panelboards
26 25 01	Plug In Bus Duct
26 27 13	Electricity Metering and Incoming Electrical Service
26 27 26	Wiring Devices
26 28 14	Low Cartridge Fuses
26 29 14	Disconnects and Safety Switches
26 29 15	Motor Starters
26 29 16	Contactors
26 29 24	Variable-Frequency Motor Controllers Installation Only
26 32 13	Engine Generator
26 41 13	Lightning Protection for Structures

# **DIVISION 26 - ELECTRICAL**

26 51 00	Interior Lighting
26 56 01	Site LED Lighting

#### **DIVISION 27 - COMMUNICATIONS**

27 11 00 Telephone and Television System Requirements for Multi-Family Dwellings

#### **DIVISION 28 - ELECTRONIC SAFETY AND SECURITY**

28 05 00	Electronic and Safety and Security Systems Electrical Requirements
28 05 01	Basic Electronic and Security Systems Requirements
28 05 13	Conductors and Cables for Safety and Security
28 31 01	Addressable Fire Alarm System

# Site and Infrastructure Subgroup

#### **DIVISION 31 - EARTHWORK**

31 10 00	Site Clearing
31 20 00	Earth Moving
31 23 49	Aggregate Pier Soil Reinforcement (Areas A and B) 31 32 19 Geotextile
31 32 19	Geotextile

### **DIVISION 32 - EXTERIOR IMPROVEMENTS**

32 11 23	Granular Base
32 12 16	Asphalt Paving
32 13 13	Concrete Paving
32 13 16	Concrete Paving
32 13 17	Decorative Concrete Paving
32 14 00	Unit Paving
32 14 40	Stone Paving
32 31 13	Chain Link Fences and Gates
32 31 19	Ornamental Fences and Gates
32 31 20	Decorative Metal Fences And Gates
32 80 00	Irrigation
32 84 00	Planting Irrigation
32 92 00	Turf and Grasses
32 92 01	Turf And Grasses
32 93 00	Plants
32 93 01	Plants
32 97 00	Vegetated Roof Assemblies

#### **DIVISION 33 - UTILITIES**

33 41 00 Storm Utility Drainage

#### **END OF TABLE OF CONTENTS**