

TABLE OF CONTENTS

1. This is a master Commissioning Plan document.
2. This document, including prefunctional and functional checklists must be revised to correctly reflect Project requirements; it is not useable without modification. Coordination is required between Drawings, Specifications, and the Commissioning Plan. Conflicts between Documents must be resolved. Text not required for the project must be removed. Additional required text must be added as necessary.
3. These notes must be removed prior to distribution of this document.
4. Removal of these notes indicates that the information contained herein has been verified as correct or modified as necessary to make it correct.

1. Commissioning Plan and Schedule

- 1.1 Commissioning Objectives
- 1.2 Commissioning Overview
- 1.3 Systems to be Commissioned
- 1.4 Commissioning Plan
- 1.5 Commissioning Schedule

Attachments

- Table 1.1 Team Members Information
- Table 1.2 System Components to be Commissioned
- Figure 1.1 Commissioning Schedule
- Figure 1.2 Commissioning Responsibility Matrix

2. Commissioning Specifications

- Section 00010 - Table of Contents
- Section 01810 - Commissioning Requirements
- Section 02997 - Site Work
- Section 08997 - Openings
- Section 09997 - Finishes
- Section 10997 - Commissioning Specialties
- Section 11997 - Equipment
- Section 13997 - Special Construction
- Section 15997 - Mechanical Systems Commissioning
- Section 16997 - Electrical Systems Commissioning

3. Training Plan

- Sample Training Session Agenda
- Summary of Contract Specified Training Requirements

4. Basis of Design and Design Narratives

Basis of design

June 2006

<insert project name and location>

TABLE OF CONTENTS
TOC Commissioning Plan -1

Architectural Basis of Design

Structural Basis of Design

Civil Basis of Design

Mechanical Basis of Design

Electrical Basis of Design

Design Narrative

Architectural Design Narrative

Structural Design Narrative

Civil Design Narrative

Mechanical Design Narrative

Electrical Design Narrative

5. Site Work

5.1 Prefunctional Checklists

PC-02630	Storm Drainage
PC-02711	Gas Metering
PC-02713-1	Water Distribution
PC-02713-2	Water Metering
PC-02722	Sanitary Sewerage
PC-028810	Irrigation Systems

5.2 Functional Checklists

FT-02810	Irrigation Systems
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6. Openings

6.1 Prefunctional Checklists - Not Used

6.2 Functional Checklists

FT-08331	Overhead Coiling Doors
FT-08361	Sectional Overhead Doors
FT-08460	Automatic Entrance Doors
FT-08500	Windows
FT-08710	Door Hardware

7. Finishes

7.1 Prefunctional Checklists

PC-09600	Flooring
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June 2006

<insert project name and location>

7.2 Functional Checklists - Not Used

8. Specialties

8.1 Prefunctional Checklists

PC-10451 Queuing System

8.2 Functional Checklists

PC-10451 Queuing System

9. Equipment

9.1 Prefunctional Checklists

PC-11000 Equipment
PC-11000-1 Refrigerated Display Cases
PC-11026 Safes
PC-11101 Bakery Equipment
PC-11102 Deli Equipment
PC-11105 Produce Department Equipment
PC-11106 Loading Dock Equipment
PC-11161 Battery Equipment
PC-11170 Baler

9.2 Functional Checklists

PC-11025 Key Control Cabinet

10. Special Construction

10.1 Prefunctional Checklists

PC-13030 Cold Storage Rooms
PC-13720 Intrusion Detection
PC-13760 Video Surveillance
PC-13851 Fire Alarm
PC-13930 Fire Suppression

10.2 Functional Performance Tests

FT-13720 Intrusion Detection
FT-13760 Video Surveillance
FT-13851 Fire Alarm
FT-13930 Fire Suppression

11. Mechanical

11.1 Prefunctional Checklists

PC-15140 Domestic Water Piping
PC-15150 Sanitary Waste and Vent Piping
PC-15160 Storm Drainage Piping

June 2006

<insert project name and location>

PC-15190	Fuel Piping
PC-15425-1	Domestic Water Heaters
PC-15425-2	Domestic Water Filtration
PC-15510	Hydronic Piping
PC-15535-1	Packaged Cooling Towers
PC-15535-2	Refrigeration Compressors
PC-15540	Pumps (HVAC)
PC-15671	Air Cooled Condenser
PC-15682	Packaged Water Chillers
PC-15700-1	Fans
PC-15700-2	Unitary Air Conditioning Equipment
PC-15700-3	Air Curtains
PC-15700-4	Air Handling Units
PC-15700-5	Dehumidifiers
PC-15700-6	Evaporative Coolers
PC-15700-7	Heat Pumps
PC-15700-8	Humidifiers
PC-15700-9	Kitchen/Exhaust Makeup Air Unit
PC-15840	Air Terminal Units
PC-15890	Ducts
PC-15935	Building HVAC Systems Automation Controls
PC-15940	Air Outlets and Inlets
PC-15950-1	Testing, Adjusting, and Balancing
PC-15971	Refrigerant Monitoring Systems

11.2 Functional Performance Tests

FT-15400	Pumps (Plumbing)
FT-15410	Plumbing Fixtures
FT-15425	Domestic Water Heaters
FT-15535	Refrigeration Compressors
FT-15540	Pumps (HVAC)
FT-15682	Chiller System
FT-15700-1	Fans
FT-15700-2	Unitary Air Conditioning Equipment
FT-15700-3	Air Curtains
FT-15700-4	Air Handling Units
FT-15700-5	Electric Air Conditioning Unit
FT-15700-6	Evaporative Coolers
FT-15700-7	Heat Pumps
FT-15700-8	Fan Coil Units
FT-15700-9	Kitchen/Exhaust Makeup Air Unit
FT-15840	Air Terminal Units
FT-15935	Building HVAC Systems Automation Controls
FT-15950-1	Testing, Adjusting, and Balancing
FT-15950-2	Calibration and Leak-By Test Procedure
FT-15971	Refrigerant Monitoring System

12. Electrical

12.1 Prefunctional Checklists

June 2006

<insert project name and location>

TABLE OF CONTENTS
TOC Commissioning Plan -4

PC-16060	Grounding & Bonding
PC-16210	Electric Utility Services
PC-16211	Electric Metering
PC-16231	Generator Assemblies
PC-16271-1	Transformers
PC-16271-2	Transformers
PC-16300	Transmission and Distribution
PC-16410	Safety Switches
PC-16430	Motor Control Centers
PC-16441	Switchboards
PC-16442	Panel boards
PC-16511	Emergency Lighting
PC-16511	Interior Lighting
PC-16521	Exterior Lighting
PC-16640	Cathodic Protection
PC-16700-1	Doorbells and Buzzers
PC-16720	Telephone and Intercommunication Equipment
PC-16726	Public Address and Sound Systems
PC-16750-1	Voice and Data Communications Cabling
16750-2	Data Communications Systems

12.2 Functional Performance Tests

FT-16060	Grounding and Bonding
FT-16231	Generator Assemblies
FT-16430	Motor Control Centers
FT-16441	Switchboards
FT-16521	Exterior Lighting
FT-16442	Panel boards
FT-16511-1	Emergency Lighting
FT-16511	Interior Lighting
FT-16720	Telephone and Intercommunication Equipment
FT-16726	Public Address and Sound Systems
FT-16750-2	Data Communication Systems

13. Reports

Design Review Reports

Commissioning Trip Reports

14. Field Notes

15. Submittals

June 2006

<insert project name and location>

TABLE OF CONTENTS

TOC Commissioning Plan -5