

CONSTRUCTION DOCUMENTATION REVIEW PACKAGE CHECKLIST

Check off each item that is included within the submitted Construction Documentation checklist. Provide a written explanation for any omissions.

CIVIL

- DD Phase Comments Incorporated into CD Drawings
- Final Plans Documented, Including Site Details
- SWPP Plan
- Construction Logistics, Including Construction Fence, Project Limits and Staging Areas
- Final Specifications
 - Division 31 Earthwork
 - Division 32 Paving
 - Division 33 Site Utilities
 - UH Master Specifications in UH Format
- Proposed Variances, if any, Identified and Submitted
- Cost Estimate of Site Work

LANDSCAPE

- DD Phase Comments Incorporated into CD Drawings
- Final Plans Documented, Including Site Details
- Full Specifications
 - Tree Protection
 - Planting
 - Irrigation
 - Site Furnishings
 - UH Master Specifications in UH Format
- Proposed Variances, if any, Identified and Submitted
 - Determine Structural System

STRUCTURE

- DD Comments Incorporated into CD Drawings
- Final Plans and Details Documented
 - Final Clash Detection of Architecture, Structure and MEP Systems Completed
- Final Specifications
 - Final Sections in CSI Master Spec Format
 - UH Master Specifications in UH Format
- Proposed Variances, if any, Identified and Submitted

ARCHITECTURE + INTERIORS

- Pending Issues Report (Copy of Spreadsheet Tracking Open Design and Coordination Issues)
- DD Comments Incorporated into CD Drawings

- General Drawings Complete
- Site Plan Complete
 - Site Lighting Foot Candle Analysis Submitted for Review
- Floor Plans and Details Complete
- Interiors Complete
 - Final Finish Plans and Schedules
 - Final Interior Finishes Presentation to FP&C Complete
 - Final Specifications
 - UH Master Specifications in UH Format
 - Final Elevations with Dimensions, Notes and Sections Referenced
 - Final Interior Details
 - Final Furniture Plans, with Power, IT and AV Coordinated
 - Casework and Built-in Fixtures, Equipment and Appliances Included
 - All Special Equipment Described and Scheduled
 - Drawings by Laboratory, Food Service, AV, IT Security and other Specialty Consultants Included
- Exterior Elevations, Window Schedule and Details Complete
 - Final Exterior Materials Presentation to FP&C Complete
- Building Sections Complete
- Wall Sections and Details Complete
 - Reviews of Wall Sections and Details Submitted by Envelope Consultant
- Design Coordination
 - Final Clash Detection of Architecture, Structure, MEP/FP and IT Systems Complete
- Renderings Updated and in Color
- LEED Checklist
 - Final Annotated Checklist Required for All Projects, both “Design and Certify to LEED” and “Design to LEED”
- SECO Compliance
 - Final Worksheets Demonstrating Compliance with SECO Building Envelope Standards
 - FP&C to Review Documentation Prior to Submittal to SECO
- Final Specifications Complete
 - Final Sections in CSI Master Spec Format for all Component Systems, Materials and Equipment
 - UH Master Specifications in UH Format
- Building Maintenance Review
 - Final Maintenance Review with Facilities Services
- Third Party Cost Estimate
 - Updated and Final
- Bid Alternates
 - Identified and Estimated
- Proposed Variances, if any, Identified and Submitted

FURNITURE

- Furniture Planner to Review Furniture Selection and Fabrics for Compliance with UH Standards
- Final Specifications and Bidding Documents Complete

ELEVATORS

- Final Enlarged Plans, Sections and Elevations
- Fully Coordinated with Power, Plumbing, Fire Protection, Mechanical and Security
- Final UH Division 14 Master Spec(s) included in UH Format
- Proposed Variances, if any, Identified and Submitted

FIRE PROTECTION

- DD Comments Incorporated into CD Drawings
- Fire Pump and Break Tank are Sized and Shown, if Required
- Fire Protection System Zoned and Hazard Classifications Defined
- Special Fire Protection System Areas Shown (Dry, Pre-action, Chemical, etc.)
- Clash Detection performed with Structure, MEP and IT Systems
- Final Fire Protection Riser Diagram
- Final Hydraulic Calculations
- Final Fire Protection Details (Control Valves, Flow Switches, etc.)
- Proposed Variances, if any, Identified and Submitted

MECHANICAL

- DD Comments Incorporated into CD Drawings
- Final Demolition Plan
- Final Site Plan
- Final HVAC Floor Plans, Including Lab Ventilation Systems and Fire/Smoke Dampers Shown in Fire Rated Walls
- Final Plan Diagrams with HVAC Zoning
- Final Piping Floor Plans
- Final Clash Detection of Architecture, Structure, MEP/FP and IT Systems Complete
- Final Enlarged Mechanical Room and Mechanical Yard Plans, Showing All HVAC Equipment (Pumps, Fans, AHUs, Chiller, Boiler, etc.)
- Final Equipment Schedules
- Final Air and Chilled/Hot Water Flow Diagrams
- Final Mechanical Details
- Final Specifications with UH Master Specification in UH Format
- Proposed Variances, if any, Identified and Submitted

ELECTRICAL

- DD Comments Incorporated into CD Drawings
- Final Demolition Plan

- Final Site Plan
- Final Site Lighting Layout with Photometric Analysis
- Final Grounding Systems Plan
- Final Grounding System Riser Diagram
- Final Single Line Diagram with Load Analysis, Main Feeder and Branch Sizing – All Conductors Must Be Copper
- Final Interior Lighting Plans with Photometric Analysis and Circuiting
- Final Lighting Details
- Final Fixture Schedule
- Final Lighting Control Plans
- Final Power Plans Showing All Equipment (Including Elevator), Devices and Circuiting
- Final Electrical Installation Details
- Final Enlarged Electrical Room Plans Showing All Electrical Equipment Locations
- Final Special Systems Layout, if any
- Final Emergency Generator Plans; Generator Sized for Life Safety Loads, Standby Loads and Optional Loads Approved by UH
- Final Panel Schedules with Complete Circuit Information
- Final Fire Alarm Riser and Plans
- Final Specifications in UH Master Specification Format
- Proposed Variances, if any, Identified and Submitted

PLUMBING

- DD Comments Incorporated into CD Drawings
- Final Demolition Plan
- Final Site Plan
- Final Floor Plans with Pipe Sizes, Floor Drains, Equipment (Pumps, Softeners, Mixing Valves, Elevator pit Sump Pumps, Heaters, Backflows, etc.) and Service Access Shown
- Final Roof Plan
- Final Plumbing Fixtures Schedule
- Final Plumbing Equipment Schedules
- Final Plumbing Details
- Natural Gas, etc.
- Clash Detection of Architecture, Structure, MEP/FP and IT Systems Complete
- Final Equipment and Mains for Gas and Compressed Air Systems Shown
- Final Specifications in UH Master Specification Format
- Proposed Variances, if any, Identified and Submitted

BUILDING MANAGEMENT SYSTEMS

- DD Comments Incorporated into CD Drawings
- Final Control Diagrams with a list of Control Points and Sequence of Operations
- Final Specifications per UH Division 25 Master Specifications Included in UH Format
- Proposed Variances, if any, Identified and Submitted

TELECOM-IT

- DD Comments Incorporated into CD Drawings
- Final Scope Matrix
- Final Telecom Site Plan
- Final Telecom Riser Diagram
- Final Floor Plans and Reflected Ceiling Plans, Fully Coordinated with Architecture, MEP/FP, AV, Security, EAC and Furniture
- Final Enlarged BDF and IDF Plans and Elevations
- Final Rough-in Details
- Final Specifications in UH Master Specification Format, Identifying Proposed Products
- Proposed Variances, if any, Identified and Submitted

AUDIO VISUAL

- DD Comments Incorporated into CD Drawings
- Final Scope Matrix
- Final Floor Plans and Reflected Ceiling Plans, Fully Coordinated with Interior Elevations, Furniture, Power, Lighting and Communications
- Final Rough-in Details for All AV Spaces and Equipment
- Final Specifications and AV Equipment in UH Master Specification Format
- Proposed Variances, if any, Identified and Submitted

SECURITY

- DD Comments Incorporated into CD Drawings
- Final Scope Matrix
- Final Site Plan and Exterior Camera Schedule
- Final Pole-Mounted and Building-Mounted Camera Details
- Final Reflected Ceiling Plans and Elevations, Fully Coordinated with Interior Elevations, Power and Communications
- Simulated Camera Views for Each Camera
- Final Camera Schedule
- Final Specifications in UH Master Specification Format, Identifying Proposed Products
- Proposed Variances, if any, Identified and Submitted

ELECTRONIC ACCESS CONTROL

- DD Comments Incorporated into CD Drawings
- Final Scope Matrix
- Final Floor Plans and Elevations
- Final Schedule of Doors and Openings Receiving EAC, with All Related Equipment, Fully Coordinated with Door Hardware, Power and Communications
- Final Door Details for Wi-Fi and POE Access Control Systems
- Final Diagrams of Conduit, Raceway Systems, Power Supply and Data Circuits with "Points of Connection" Shown Between Work by Owner and Work by Contractor
- Final Sequence of Operations Diagrams

- EAC QA/QC Form Complete and Submitted to EAC for Review and Adjustment
- Final Department Work Spaces Outlined, Including All Interdepartmental Areas and Shared Spaces
- Finalized List of All Faculty, Staff and Students That Require Access the Building and Rooms
- Final Specifications in UH Master Specification Format
- Proposed Variances, if any, Identified and Submitted

I confirm that the above minimum requirements are provided within the Construction Documentation Review Package, or that I have provided an explanation for any omissions.

Signature

Date

Printed Name

- END OF CONSTRUCTION DOCUMENTATION REVIEW PACKAGE CHECKLIST -