

The following checklist is to be submitted with all required documents to KCAB P&D department with the 90% review package.

For all KCAB projects, the plans and specifications shall at a minimum include:

Complete drawings with all plan, profile, detail, section, schedule, calculation and miscellaneous sheets included.

<input type="checkbox"/>	Specifications complete in final typed form
<input type="checkbox"/>	Final Construction schedule, including duration for all anticipated Utility Shutdowns.
<input type="checkbox"/>	Final cost estimate
<input type="checkbox"/>	Construction Phasing Plans.
<input type="checkbox"/>	Temporary Power and utility plans and cutover procedures
<input type="checkbox"/>	Storm water pollution prevention plan.
<input type="checkbox"/>	Completed Construction Coordination and Logistics Checklist (see sample attached)

Construction document plans and specifications for airfield projects shall also include:	
<input type="checkbox"/>	All proposed paving and facilities.
<input type="checkbox"/>	Proposed grading and surface contours.
<input type="checkbox"/>	Final profiles and flow lines for all drainage systems
<input type="checkbox"/>	All required sections and details
<input type="checkbox"/>	CSPP
<input type="checkbox"/>	Security Plan
<input type="checkbox"/>	MOT Plan

Architectural construction document plans and specifications shall include:	
<input type="checkbox"/>	Floor plans
<input type="checkbox"/>	Framing plans
<input type="checkbox"/>	Ceiling plans
<input type="checkbox"/>	Roof Plans
<input type="checkbox"/>	Sections and elevations
<input type="checkbox"/>	Details of typical Conditions

Design development plans and specifications for HVAC shall at a minimum include:	
<input type="checkbox"/>	Index, Symbols, Abbreviations, Key Plan Notes.
<input type="checkbox"/>	Demolition, Site Plan, Temp Work
<input type="checkbox"/>	Plans, Material Schedule, Door Schedule, Key Drawing
<input type="checkbox"/>	Sections, Exterior Elevations.
<input type="checkbox"/>	Detailed Floor Plans
<input type="checkbox"/>	Interior Elevations.
<input type="checkbox"/>	Reflected Ceiling Plans.
<input type="checkbox"/>	Vertical Circulation, Stairs, Elevators, Escalators.
<input type="checkbox"/>	Exterior Details.
<input type="checkbox"/>	Interior Details.

Structural construction document plans and specifications shall include:	
<input type="checkbox"/>	Index, Symbols, Abbreviations, Key Plan, Notes, Loading Criteria.
<input type="checkbox"/>	Demolition Site Work.
<input type="checkbox"/>	Foundation Plans and Details, Foundation Design Criteria.
<input type="checkbox"/>	Framing Plans and Details.
<input type="checkbox"/>	Elevations.
<input type="checkbox"/>	Details
<input type="checkbox"/>	Schedules.
<input type="checkbox"/>	Special Design.

Construction Document plans and specifications for HVAC shall include:	
<input type="checkbox"/>	All air conditioning systems drawn to scale, including all ductwork in two lines with all fittings to scale.
<input type="checkbox"/>	Sections through mechanical rooms to adequately describe the construction requirements.
<input type="checkbox"/>	Schedule of all major items of equipment drawn on the plan sheets to indicate performance characteristics
<input type="checkbox"/>	All piping systems, complete with necessary sections to clarify routing.
<input type="checkbox"/>	Applicable details, including those included in the Design Criteria modified to suit project.
<input type="checkbox"/>	Flow diagrams for each piping system except drains.
<input type="checkbox"/>	A copy of the heating and air conditioning load calculations shall be furnished for future reference.
<input type="checkbox"/>	Calculations shall clearly indicate all zoning requirements, etc.
<input type="checkbox"/>	The type and contents of the Test and Balance Reports to be furnished shall coincide with the work scope of the system being designed

Construction document plans and specifications for plumbing shall indicate:	
<input type="checkbox"/>	All plumbing fixtures shown and identified by a number.
<input type="checkbox"/>	Riser diagrams in isometric form for all plumbing risers in the building.
<input type="checkbox"/>	Flow diagrams for all pressure systems including hot and cold water, gas, oxygen, air vacuum, etc.
<input type="checkbox"/>	Details such as lavatory connection, pump connection, hot water generator, water softener, sewer manholes, backflow prevention, water header, etc.
<input type="checkbox"/>	Schedule all major equipment on drawings.
<input type="checkbox"/>	Plumbing fixtures may be scheduled, but must also be described in detail in the specifications.

Construction document plans and specifications for electrical shall include:	
<input type="checkbox"/>	All electrical systems drawn to scale including light fixtures, distribution equipment and other miscellaneous system components.
<input type="checkbox"/>	Schedule of all light fixtures, switchboards and motor control centers.
<input type="checkbox"/>	Schedule of all panel boards which include connected loads and demand loads.
<input type="checkbox"/>	One-line diagram of electrical distribution system including all equipment, feeder, service ratings and available symmetric I three phase fault current at each device.
<input type="checkbox"/>	Applicable standard details from these guidelines modified to suit project.
<input type="checkbox"/>	One-line diagrams for each system.
<input type="checkbox"/>	Include all information in previous submittals plus annotated comments from last submission review.

Construction document plans and specifications for fire protection shall include:	
<input type="checkbox"/>	All fire risers shown and identified by a number.
<input type="checkbox"/>	Flow diagrams for fire protection pressure systems.
<input type="checkbox"/>	Details such as fire hose cabinets, fire hydrants, fire pumps, fire department connections, backflow prevention, water header, connections, cathodic protection and riser insulation's, etc.
<input type="checkbox"/>	Schedule all major equipment on drawings; fire sprinkler drawings will include all piping sizes and locations, drawn to scale of no less than X inch equals one foot.

Construction Document plans and specifications for Communications shall include:	
<input type="checkbox"/>	All communication system equipment, cabinets, boards drawn to scale, telephone outlets, intercom stations, repeater stations, etc.; one-line diagram of communication systems.
<input type="checkbox"/>	Applicable standard details from these guidelines modified to suit project.

Construction Document plans and specifications for Security shall indicate:	
<input type="checkbox"/>	All security system control and monitoring equipment drawn to scale, sensor locations and types.
<input type="checkbox"/>	Applicable standard details from these guidelines modified to suit project.
<input type="checkbox"/>	Security devices.
<input type="checkbox"/>	Security signage.
<input type="checkbox"/>	Individual zone location and designation, with all alarm device locations, including the security alarm and data panel, annunciators, and any other devices necessary for the operation of the system.