

The following checklist is to be submitted with 2 full size sets of plans and specifications and an electronic PDF version of all required documents to KCAB P&D department with the 60% review package.

Depending on the magnitude and scope of the project, and the detail provided in the 30% Review Package, KCAB may waive the requirement for a 60% Progress Review and proceed to the 90% Review Phase.

For all KCAB projects, the plans and specifications shall at a minimum include:	
<input type="checkbox"/>	Proposed landscaping, exterior signing, exterior lighting, fencing or other site elements
<input type="checkbox"/>	Preliminary horizontal and vertical alignments for all roadways, drainage systems, and applicable exterior utilities tied into Airport coordinate system
<input type="checkbox"/>	Preliminary paving and parking layouts with horizontal and vertical ties to site survey and representative cross-sections
<input type="checkbox"/>	Preliminary Cost Estimates, Construction Schedule and Phasing Plans, Maintenance of Traffic Plan
<input type="checkbox"/>	Perspective Rendering - May be required if the project has visual impact on the Airport development as a whole
<input type="checkbox"/>	Design data and analysis
<input type="checkbox"/>	Soil tests data and analysis
<input type="checkbox"/>	Outline technical Specifications
<input type="checkbox"/>	Outline Potential Environmental Hazards/Impacts

Design development plans and specifications for airfield projects shall also at a minimum include:	
<input type="checkbox"/>	Safety, Phasing Plans and notes including security requirements and MOT
<input type="checkbox"/>	Horizontal and vertical layouts for all proposed airfield paving, emergency roads, and drainage features.
<input type="checkbox"/>	Layouts for proposed airfield electrical circuits, NAVAIDS, and underground utilities
<input type="checkbox"/>	Typical sections for each type of paving, including surface drainage.
<input type="checkbox"/>	Site access points and haul routes. Typical details for all paving, jointing, sealing, drainage, electrical, utilities, etc.

Design development plans and specifications for Buildings shall at a minimum 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"/>	Mechanical rooms with all equipment and required connecting ductwork drawn to scale (this requirement is mandatory to establish the space needs for mechanical equipment).
	Routing of major piping systems when space is a consideration; and ductwork for remainder of project in one line form to indicate the breakdown of proposed zones
<input type="checkbox"/>	Report on design criteria and system loads
<input type="checkbox"/>	Specifications shall be in the form of an outline covering all Heating & Air Conditioning equipment and materials to be used in the project.

Design development plans and specifications for plumbing shall at a minimum indicate:

<input type="checkbox"/>	All plumbing fixtures, including those for use by ADA, drawn to scale.
<input type="checkbox"/>	Roof drains and route of storm drains
<input type="checkbox"/>	Sump pump and sewage ejector locations.
<input type="checkbox"/>	One typical riser diagram for each type of system.
<input type="checkbox"/>	Report on design criteria and system loads.
<input type="checkbox"/>	Specifications shall be in the form of an outline covering all plumbing equipment and materials to be used in the project

Design development plans and specifications for electrical shall at a minimum include:

<input type="checkbox"/>	Electrical rooms with all equipment drawn to scale (this requirement is mandatory to establish the space needs for electrical equipment).
<input type="checkbox"/>	Routing of feeder and service conduit systems when space is a consideration.
<input type="checkbox"/>	A one-line diagram of distribution system shall indicate approximate equipment and service size.
<input type="checkbox"/>	Lighting layout for projects, including exterior systems, with tabulated loads
<input type="checkbox"/>	A brochure showing cut sheets on all lighting fixtures (and poles) proposed for project. Submit six (6) sets of D.D. electrical systems plans for review and approval before proceeding to final working drawings (Contract Bid Documents)
<input type="checkbox"/>	Specifications shall be in the form of an outline covering all electrical equipment and materials to be used in the project

Design development plans and specifications for fire protection shall at a minimum include:	
<input type="checkbox"/>	Fire protection plans shall indicate all underground water mains and their sizes.
<input type="checkbox"/>	Fire hydrant locations.
<input type="checkbox"/>	Proposed water supply connections to sprinkler systems
<input type="checkbox"/>	Control valve locations
<input type="checkbox"/>	Fire alarm panel locations
<input type="checkbox"/>	Smoke control/removal systems layout
<input type="checkbox"/>	Underground valve meter pit.
<input type="checkbox"/>	Standpipe locations.
<p><i>Note: Specifications shall be in the form of an outline covering all fire protection items, equipment and materials including manufacturers and model numbers to be used in the project (this shall include smoke/heat detectors and pressure, flow, and tamper switches).</i></p>	

Design development plans and specifications for communications shall include:	
<input type="checkbox"/>	Communication rooms with all equipment drawn to scale (this requirement is mandatory to establish the space needs for equipment).
<input type="checkbox"/>	One-line diagram of communication system shall indicate intercom, speakers, equipment, terminal boards and cabinets
<input type="checkbox"/>	Specifications shall be in the form of an outline covering all communication equipment and materials to be used in the project.

Design development plans and specifications for security shall indicate:	
<input type="checkbox"/>	CCTV/monitor and equipment rooms with all equipment drawn to scale (this requirement is to establish the space needs for equipment). Provide adequate working clearance for monitors and operator console.
<input type="checkbox"/>	One-line diagram of security system shall indicate control panels, sensors, cameras, monitors, telephone interface, and any other system devices critical to operation.
<input type="checkbox"/>	Specifications shall be in the form of an outline covering all security equipment and materials to be used in the project.