

Electrical Engineering - Capital Project Design Checklist

Project Name:		 UNIVERSITY OF SASKATCHEWAN	Project Number:	
Design Stage:	99% Review		Consultant:	
Usask PM:			Usask Engineer:	

This checklist reflects the information found within the Usask Mechanical Design Guidelines, along with other pertinent design elements that must be complete at the current design stage. Usask Engineering will use this checklist to confirm all elements of the design below are included in the current package. The design package will be rejected if any applicable element in the list below is not included without adequate justification. It is the Consultant's responsibility to ensure all information is included. The Consultant is responsible for any delays in the project due to resubmissions and supplemental reviews required to satisfy USask requirements. This checklist assumes all items included on previous design checklists have been included and are already shown on the drawings.

No.	Requirement	Consultant - Is Design Compliant? (Y/N)	Consultant - Deviations requests/comments	Usask Engineering - Is design acceptable? (Y/N)
SECTION 26 - ELECTRICAL				
1	All schedules fully populated and shown on plans.			
2	Final details (controls, switches, etc) included on plans.			
SPECIFICATIONS				
3	Full Specifications are Provided for Review			
3a	Switching for lighting systems should generally be 120 V line switching. The use of low voltage switching should be limited to multimedia consoles, photocell controlled lighting or other special installations. Refer to lighting control matrix for additional information.			
3b	Occupancy sensor-controlled lights should shut off automatically after 15 minutes. Where possible, sensors should be wall mounted.			
3c	Automatic lighting controls shall be compatible with the building control system. The lighting controls should remain independent from the building control system so that one can function without the other.			