Grading, Drainage and Stormwater Management – Updated 09.2023

70 scored items & 10 pretest items consisting of multiple-choice, multiple-response and advanced item type questions; 3 ½ hours seat time, 3 hours for exam

Stormwater Management: 39%	Grading and Earthwork: 44%	Drainage Systems: 17%
• Determine Watershed Area • Determine Stormwater Management System • Determine Pervious and Impervious Areas • Develop Sustainable Water Quality Practices • Select Surface and Sub-Surface BMPs • Select Building-Systems BMPs (e.g., Green Roofs, Blue Roofs, Brown Roofs, Green Walls, Water Harvesting/Cisterns, Gray Water) • Develop Erosion and Sedimentation Control Plan • Obtain Approvals and Permits	• Adhere to Accessibility Standards • Produce Large-Scale Grading Design (e.g., site, landforms, mass-grading, conceptual, preliminary) • Produce Detailed Grading Design (e.g., place spot elevations, roadway profile, sidewalk profile, plaza) • Review Grading Design (e.g., review grading alternatives, evaluate for inconsistencies)	• Prepare Drainage Plan and Profile (e.g., design/create a plan or profile) • Design and Select Drainage Components (e.g., types of drains, selecting the appropriate components) • Review Drainage Plans (e.g., evaluate existing design or design alternatives)