

OLD EXAM

Material from these sections comprise the new.....

NEW EXAM

Grading, Drainage, and Stormwater Management

Section 4- Grading, Drainage and Construction Documentation

- Prepare Stormwater Management Plan

Section 1- Project and Construction Management

- Obtain Permits

Stormwater Management: 39%

- Determine Stormwater Management System
 - Determine Watershed Area
 - 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

Grading and Earthwork: 44%

- 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)

Section 4- Grading, Drainage and Construction Documentation

- Develop Grading and Drainage Plan

Drainage Systems: 17%

- 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)