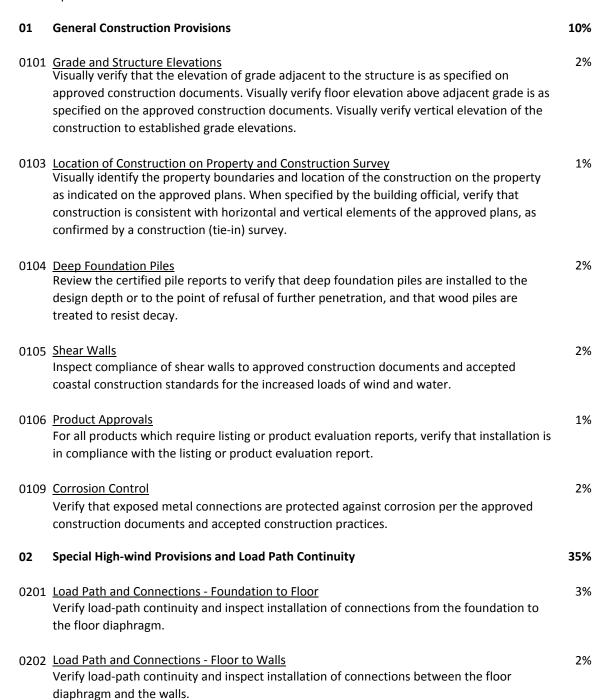
Certification: Coastal and Floodplain Construction Inspector

Exam ID: C1

- 60 multiple-choice questions
- 2-hour limit
- · Open book





0203	<u>Load Path and Connections - Between Stories</u> Verify load-path continuity and inspect installation of connections between stories.	2%
0204	<u>Load Path and Connections - Walls to Roof/Ceiling</u> Verify load-path continuity and inspect installation of connections between walls and the roof and ceiling diaphragm.	3%
0205	<u>Load Path - Gable End Construction</u> Verify load-path continuity and inspect installation of connections and lateral bracing of gable end construction.	2%
0206	Structural Hardware and Fasteners Verify rating and identification of all structural hardware and proper use of fasteners. Verify that nailing equipment used to install structural hardware meets manufacturer's specifications.	3%
0207	Structural Lumber and Pre-engineered Systems Verify that structural lumber is treated to prevent decay, and complies with manufacturer's specifications for strength when used with the specified hardware. Verify that bracing and installation of pre-engineered framing systems are approved for use in the construction documents, and comply with the profile certificate provided by the manufacturer for installationin high-wind hazard areas.	2%
0208	Windborne Debris Regions In windborne debris regions, verify that all openings have approved protection from windborne debris, including: windows; doors; garage doors; and skylights. Verify special high-wind or impact-resistant rating of opening protection.	5%
0209	Special High-wind Roofing Verify that sheathing, underlayment, and shingle fasteners follow manufacturer's recommendations for high-wind installations. Verify that all roof coverings meet relevant ASTM high-wind standards and comply with the approved construction documents. Verify adhesives comply with high- wind standards.	5%
0210	Exterior Sheathing and Wall Coverings Verify that exterior sheathing and wall coverings and fasteners comply with the approved construction documents and manufacturer's recommendations for high-wind installations.	3%
0211	Soffits and Overhangs Verify that installation of soffits and overhangs comply with the approved construction documents and to accepted construction practices for high- wind installations.	2%
0212	<u>Structural Design Parameters</u> Verify correct use of structural design parameters.	3%

03	Special Flood Hazard Areas	35%
0301	<u>Substantial Improvement and Damage</u> Provide substantial damage assessments on behalf of the code official following damage of any origin. Verify that substantial repairs and improvements to property comply with floodplain management regulations, including the 50% Rule for older construction.	10%
0302	Flood-resistant Materials Verify use of flood-resistant materials below base flood elevation (BFE).	3%
0303	Exterior Equipment Verify that utilities and mechanical equipment which are located outside of the structure are installed above the base flood elevation (BFE) or are watertight, and are anchored in accordance with the approved construction documents.	2%
0304	Breakway Walls Verify that breakaway walls in AV zones are constructed with approved materials and connections, and in accordance with the approved construction documents.	2%
0305	Flood Vents Verify that flood vents are installed as specified on the approved construction documents.	3%
0306	<u>Dry Floodproof Enclosures Below Base Flood Elevation</u> For non-residential construction, where dry flood proofing is specified verify that enclosures below base flood elevation are constructed or installed according to the design.	2%
0307	Flood-resistant Foundation Systems Inspect compliance of deep-foundation systems in AV zones to approved construction documents and accepted construction practices. Inspect special coastal construction requirements of shallow foundations in zones to approved construction documents and accepted construction practices.	5%
0308	Elevation Certificate When specified by the building official, verify that an elevation certificate based on finished construction is provided prior to issuance of the certificate of occupancy.	3%
0309	<u>Use of Areas Below the Base Flood Elevation</u> Verify use of enclosed spaces below the base flood elevation are in accordance with requirements for coastal areas.	5%
04	Detached and Attached Accessory Structures	10%
0401	Decks and Patios Verify that construction of building decks and patios are installed in compliance with the approved construction documents, and are structurally independent where required from the building foundation, as required.	3%

0402	Manufactured Housing Foundation and Anchoring Systems	2%
	Inspect construction of mandatory foundation systems for installation of manufactured	
	housing for compliance with the approved construction documents. Inspect installation of	
	mandatory structural anchoring systems for manufactured housing for compliance with the	
	approved construction documents.	
0403	Accessory Structures	3%
0403	Verify that all accessory structures installed in high-wind zones comply with structural and	3/0
	anchorage requirements of the building code. Verify that all accessory structures in flood	
	hazard areas are elevated and anchored, as required by the building code. Report the	
	presence of any non-permitted accessory structures.	
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0404	Docks, Wharfs, Piers, and Sea Walls and Bulkheads	2%
	Verify that construction and repair of boat docks, wharfs and piers comply with the	
	approved construction documents. Inspect construction and repair of sea walls, bulkheads,	
	tie-backs and deadmen in accordance with the approved construction documents.	
05	Governmental Regulations	10%
		10%
	<u>Floodways</u>	10%
	Floodways Verify that construction does not encroach into floodways unless permitted to assure that	
	<u>Floodways</u>	10% 2%
0501	Floodways Verify that construction does not encroach into floodways unless permitted to assure that this will not increase the level of flooding.	
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