

Commentary I

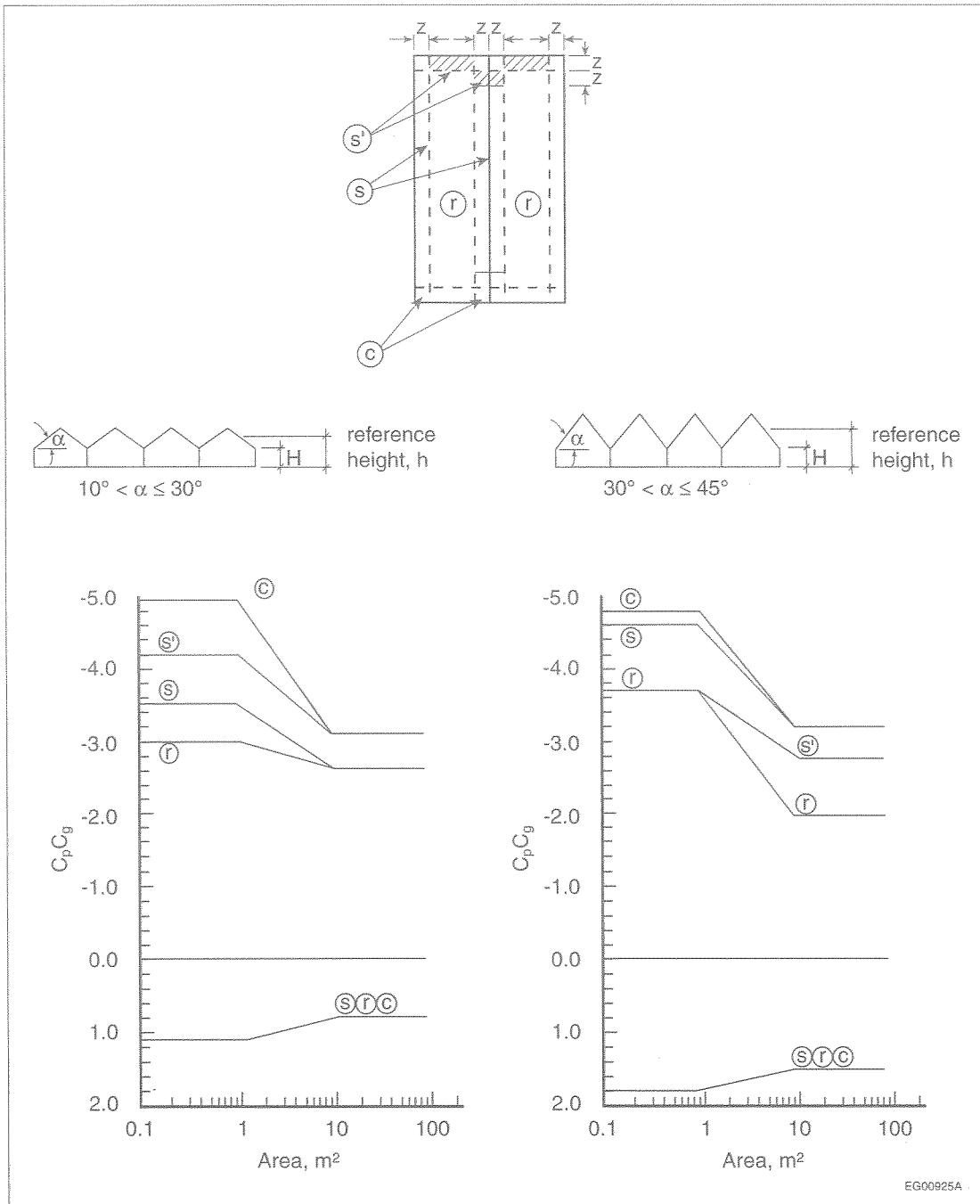


Figure I-12

External peak composite pressure-gust coefficients, $C_p C_g$, on multi-span gabled (folded) roofs with a slope greater than 10° for the design of structural components and cladding^{[46][47]}

Notes to Figure I-12:

- (1) The abscissa area in the graph is the design tributary area within the specified zone.
- (2) End-zone width z is the lesser of 10% of the least horizontal dimension and 40% of height, H , but not less than 4% of the least horizontal dimension or 1 m.
- (3) Combinations of exterior and interior pressures must be evaluated to obtain the most severe loading.
- (4) Positive coefficients denote forces toward the surface, whereas negative coefficients denote forces away from the surface. Each structural element must be designed to withstand the forces of both signs.
- (5) For $\alpha \leq 10^\circ$, the coefficients given in Figure I-9 apply.