Section Designer

Section Designer is an integrated utility, built into SAP2000, CSiBridge, and ETABS, that enables the modeling and analysis of custom cross sections. These section definitions can then be assigned to frame objects. Section Designer is useful for the evaluation of member properties and nonlinear response, including nonlinear hinge and P MM-hinge behavior. Nonstandard or composite sections of arbitrary geometry may be created in Section Designer and then incorporated into a structural model. Sections may include one or more materials and a user-defined rebar layout. Modification factors may be assigned to simulate cracked-section behavior. All sections are assumed to be noncompact. Additional information is available through Context Help.

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