

Mangalagiri, Vijayawada, India.

Efftronics: 2B+G+5 IT Office Building



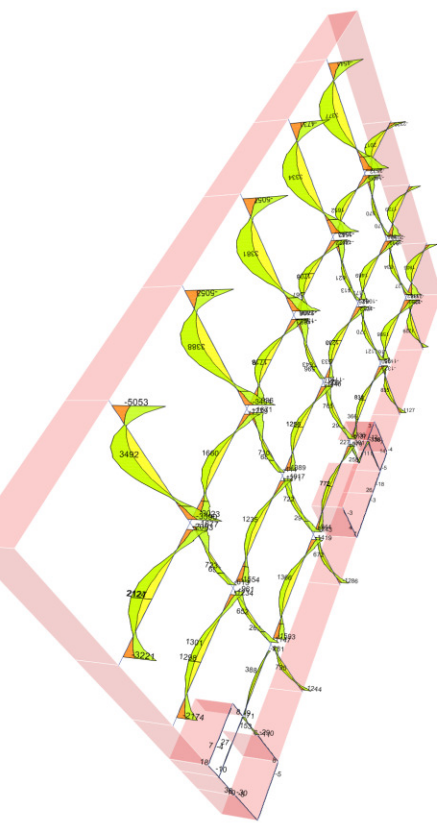
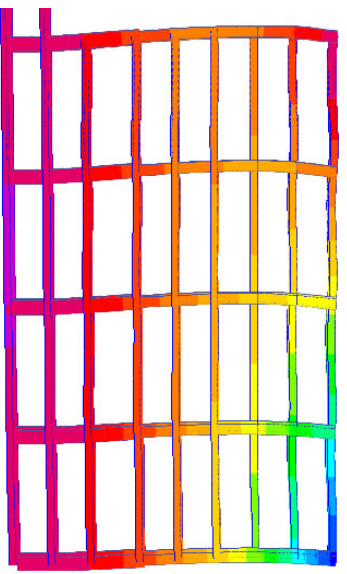
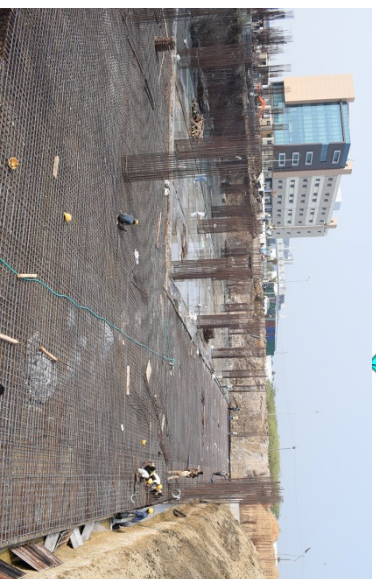
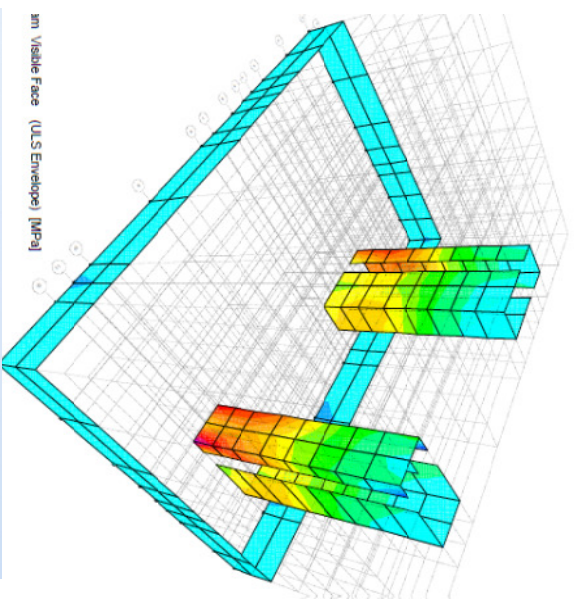
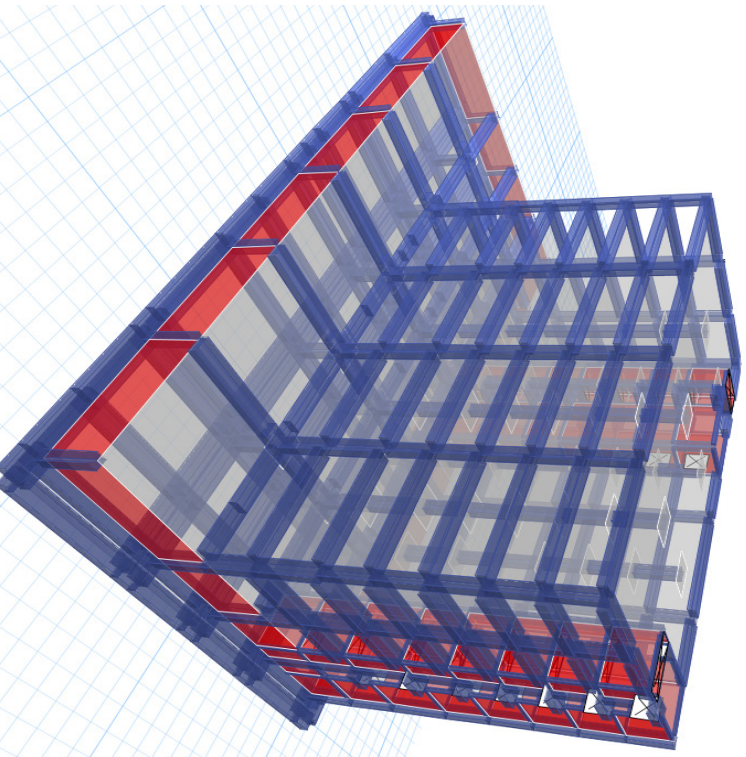
Efftronics is an IT office Building of 26mx47m foot print size with extended basement.

SBC is 400KPa and Raft foundation together with basement walls provided safe transfer of superstructure loads onto soil sub-strata.

Designed for Seismic Zone-3 with $I=1.25$.

In view of large span between columns, PT Flat Slab system is adopted to suit Architectural requirements. Since framing action is poor in PT Slab system and to provide enough strength and ductility against the seismic loading, Shear walls are adopted for the structural stability system.

Concrete of M40 grade is adopted for Columns.



Date: 2018

Client: Sree Constructions/Efftronics

Type: Structural Steel & RCC

Responsibilities: Structural Designs