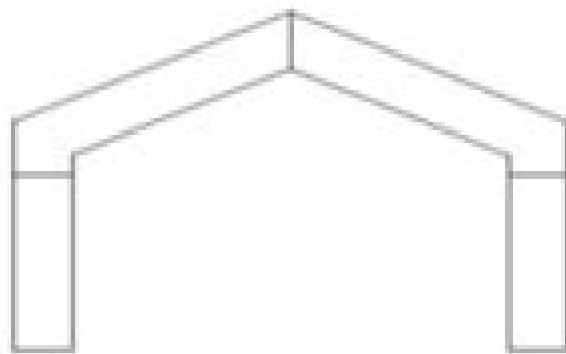
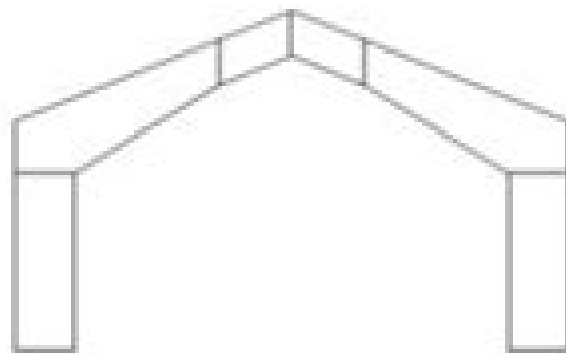


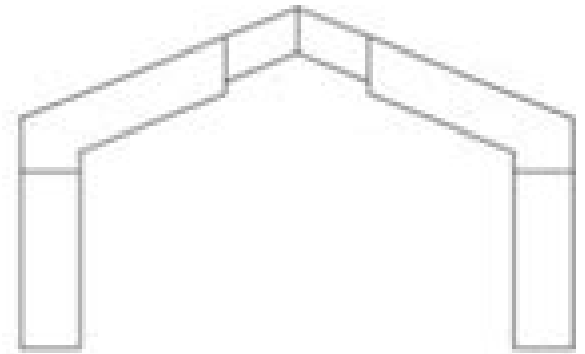
**Fig. Truss & column and portal frame system**



**Fig. Conventional Section**



**Fig. Pre Engineered Tapered  
Section**



**Fig. Pre Engineered Stepped  
Section**

# Pre Engineered Building Portal Frame Design Manual

**Siddappa N.Byrareddy**



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