

Connections and Design of member

For the showing truss required to design the four selected members where:

Member (A) = +35 ton (tension)

Member (B) = +30 ton (tension)

Member (C) = +7.1 ton (tension)

Member (D) = -5 ton (compression)

Then design their connection as bolt connection and draw this connection.

- Grade of all members and plate → St-37
- Grade of bolts → 4.6
- Bolt diameter → M20

