

## FURTHER PRACTISE MODULE 3

### 1. Text to read:

Construction of steel frame structure. Foundations. Columns. Beams and floors:

<https://theconstructor.org/structures/construction-steel-structure-foundations-columns-beams-floors/18648/>

### 2. Videos to watch:

- Types of footings: <https://www.youtube.com/watch?v=nMII3krK-GI>
- Concrete foundations: <https://www.youtube.com/watch?v=9ROrmRYOwf4>
- More foundation types: [https://www.youtube.com/watch?v=vbC\\_usnOOeA](https://www.youtube.com/watch?v=vbC_usnOOeA)
- More footing types: <https://www.youtube.com/watch?v=hLfALCdfnZ8>
- Pier and beam foundations: <https://www.youtube.com/watch?v=oaktDas3dHg>
- Steel foundations: <https://www.youtube.com/watch?v=ADhbGfbd43k>
- Foundations in a residential building: <https://www.youtube.com/watch?v=qqXncSVbT00>
- Shallow foundations: <https://www.youtube.com/watch?v=RTPXIP-pjs4>
- RCC structure: <https://www.youtube.com/watch?v=bXAx8BDNbVU>
- Modern wood structures: <https://www.youtube.com/watch?v=HApwnqxzdEM>
- Smart structures: <https://www.youtube.com/watch?v=DsInGMFPBfk>
- Innovative structures: <https://www.youtube.com/watch?v=NCFnAwGU8WA>
- Trusses, bridges, and other structures:  
[https://www.youtube.com/watch?v=AXI\\_CoLAHm4](https://www.youtube.com/watch?v=AXI_CoLAHm4)
- How an amateur built the world's biggest dome:  
<https://www.youtube.com/watch?v= IOPIGPQPuM>