

## Construction Procedures

### Test

1. What issues have to be considered when preparing raw land for a Build?
2. Who do you seek for consultation when a potential construction site has natural waterway or erosion issues?
3. Why are you not allowed to alter or change Plans/Prints without seeking consultation/permission from the Architect, Customer or the financial institution?
4. When constructing or building in Coastal areas or low lying areas, what needs to be addressed?
5. Please explain in detail, the "Slab on Grade" foundation
6. What is the compaction rate of bedding /backfill in a trench?
7. Explain the difference between Post and Spread Footings
8. After installing Foundation forms and Reinforced metal work, can you immediately proceed to cover with Concrete? What must be done?
9. What is the purpose of plastic sheeting under the reinforced metal work when creating a slab?

**10.** Why must you “float” or make sure the metal grid sits in the middle of the concrete pour in a slab?

**11.** Please create a flowchart for the building process. How does it start? Who is involved?

**12.** What is a monolithic Slab?

**13.** Who is responsible for creating the plumbing, electrical and heating and air-conditioning systems for a building?

**14.** Please explain live load and dead load

**15.** What is the role of the Civil Engineer?

**16.** Why were basements created?