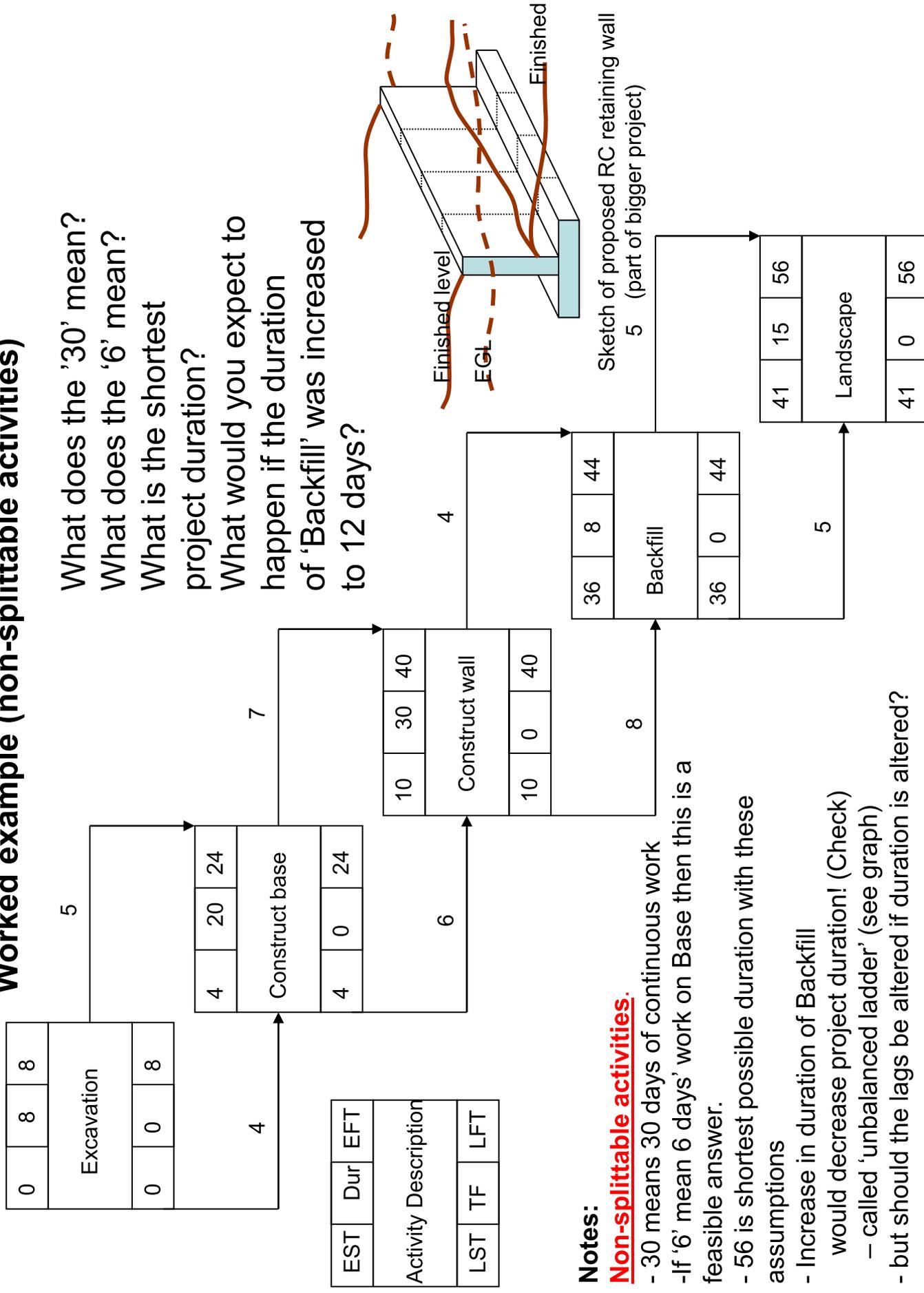


Worked example (non-splittable activities)



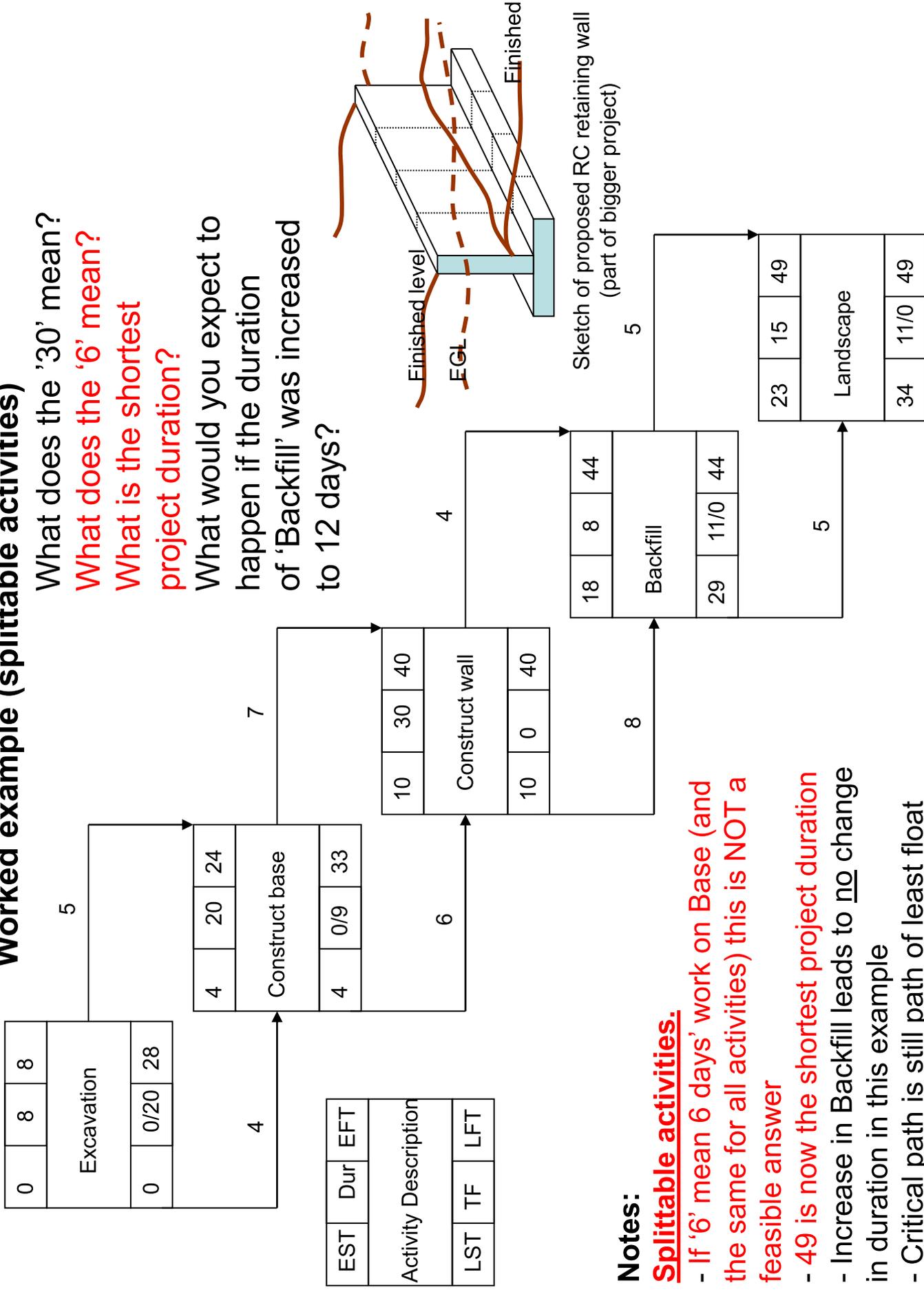
What does the '30' mean?
 What does the '6' mean?
 What is the shortest project duration?
 What would you expect to happen if the duration of 'Backfill' was increased to 12 days?

Notes:

Non-splittable activities.

- 30 means 30 days of continuous work
- If '6' mean 6 days' work on Base then this is a feasible answer.
- 56 is shortest possible duration with these assumptions
- Increase in duration of Backfill would decrease project duration! (Check)
 - called 'unbalanced ladder' (see graph)
 - but should the lags be altered if duration is altered?

Worked example (splittable activities)



Notes:

Splittable activities.

- If '6' mean 6 days' work on Base (and the same for all activities) this is **NOT** a feasible answer
- **49 is now the shortest project duration**
- Increase in Backfill leads to no change in duration in this example
- Critical path is still path of least float