



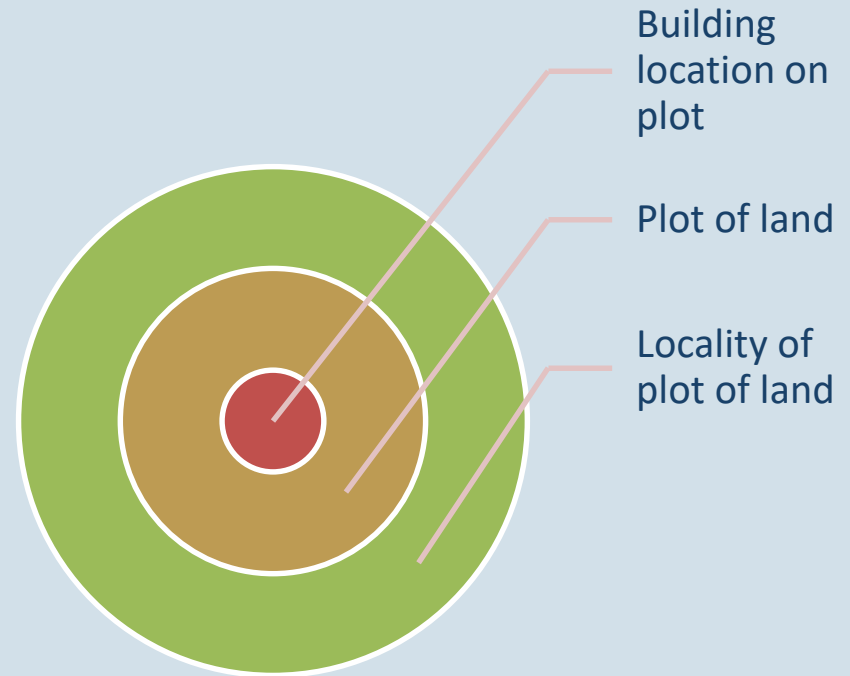
CHAPTER 3

# SITE SELECTION, DESIGN AND PROJECT PLANNING

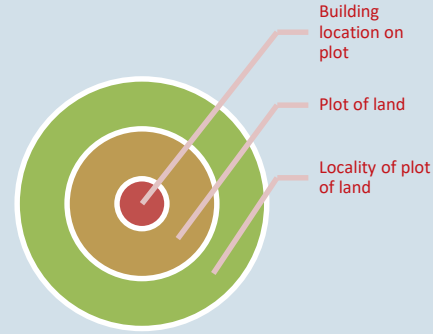


# Considering a Site

- Locality
- Plot of land
- Location of building on the site



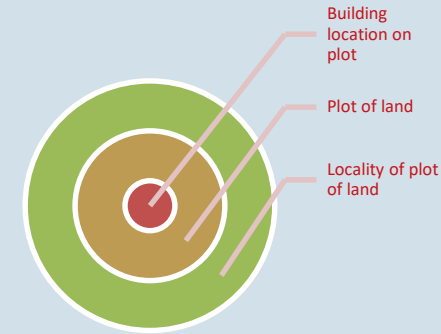
# Locality



- Architectural policies
- Heritage areas or sites
- Planning restricted areas
- Scenic amenity areas or trails
- Public rights of way



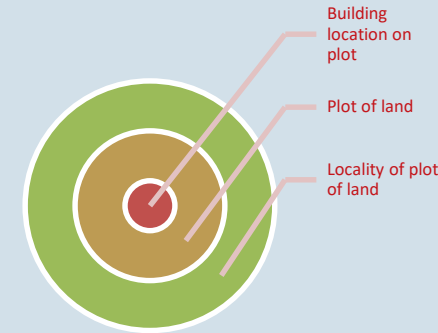
# Plot of Land



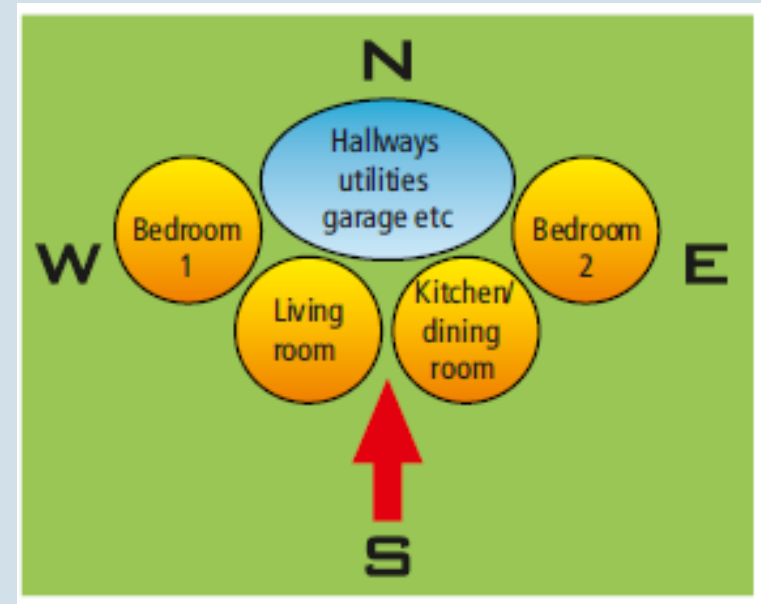
- Aspect or orientation of the plot
- Shelter on the site
- Orientation of the sun
- Light access to the site
- Road access to the site



# Building Location

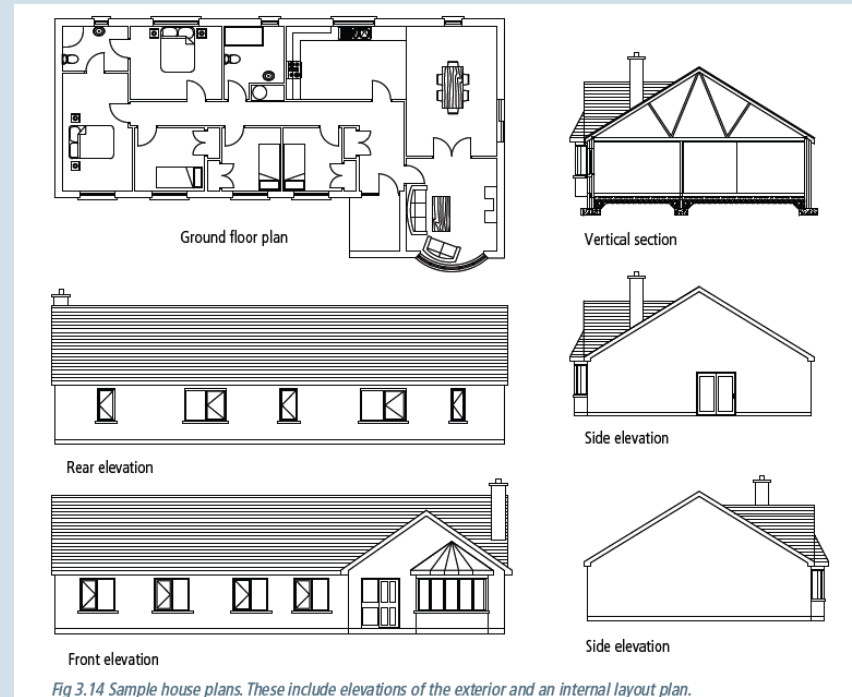


- Site survey of topography
- Internal layout is affected by the location on the site. Key rooms need to be considered:
  - Kitchen
  - Living space
  - Bedrooms



# Project Planning

- Time spent planning saves time on the build.
- This includes detailed working drawings from which to build.



# The Building Industry

- Many types of occupations in the industry broken down mainly into:
  - Professional services
  - Trades people
- Other considerations for the build
  - Legal
  - Insurance both during and after the build



# Relevant 2013 Exam Question

## HL Q6

6. The elevation and ground floor plan of a house are shown. The house has three bedrooms and a bathroom in the attic space. The external wall is of timber frame construction with a rendered concrete block outer leaf. The house is designed to have low environmental impact and be suitable for first-time buyers.

- (a) With reference to the design shown, discuss in detail, using notes and freehand sketches, **three** features of the design that contribute to the house having a low environmental impact.

- (b) Discuss in detail the importance of **each** of the following when designing a house suitable for first-time buyers:

- modest in scale
- easy to modify
- proximity to services.

