

Name _____

Class _____

Date _____

By the end of this worksheet I can...

- ☐ describe location plans, site plans, floor plans, elevations and sectional views, and their scales
- ☐ identify British Standard building symbols

I DO

Worked example Read how a full-mark answer is built

An architect produces drawings for a new house.

1 State the scale normally used for a floor plan and for a location plan. (2 marks)

Points that earn marks from the marking instructions: one ✓ per point

- ✓ Floor plan: 1:50 or 1:100
- ✓ Location plan: 1:1250 or 1:2500

WE DO

Guided practice Use the starters and word bank to help you

A rendered visual of a house extension is shown with trees, a road and cars.

2 Explain two benefits of showing the extension in a realistic setting. (2 marks)

Sentence starters

One reason is ... because ...

Another reason is ... so ...

Word bank

building · client · objects · conditions ·

familiar · different · against · attached

Tip: 2 marks = 2 separate, developed points.

YOU DO

On your own No notes. Check your answers afterwards.

3 Quick check: tick one box for each.

a) A floor plan is usually drawn at...

- ☐ 1:2500 or 1:1250 ☐ 1:50 or 1:100 ☐ 1:1 or 1:2 ☐ 5:1 or 2:1

b) On a door symbol, the arc shows...

- ☐ Where the window opens ☐ Where a radiator is fitted ☐ Which way the door swings ☐ Which way the stairs go

c) Contour lines on a site plan show...

- ☐ Drainage runs across the site ☐ The boundaries of the site ☐ Underground electricity cables ☐ Slope of the ground

d) Which drawing shows roads and neighbouring buildings around the site?

- ☐ Location plan ☐ Floor plan ☐ Sectional view ☐ Elevation

4 Key terms: write the letter of the matching description next to each term.

1. Location plan	___	A Symbol showing which way is north on a plan.
2. Site plan	___	B Shows the site in its surrounding area; usually 1:1250 or 1:2500.
3. Floor plan	___	C Building within the site boundary, drainage, paths, trees, north point; usually 1:200 or 1:500.
4. North point	___	D Rooms, doors, windows and fittings; usually 1:50 or 1:100.
5. Contours	___	E Lines joining points of equal height, showing slope.

5 Describe three pieces of information shown on a site plan. (3 marks)

A floor plan of a bungalow is shown at 1:50.

6 State two other types of building drawing an architect would produce and the information each shows. (4 marks)

Check and reflect

Mark your answers with the answer sheet. Go back to the checklist on the site and re-rate each “I can” statement above. Which one still needs work?
