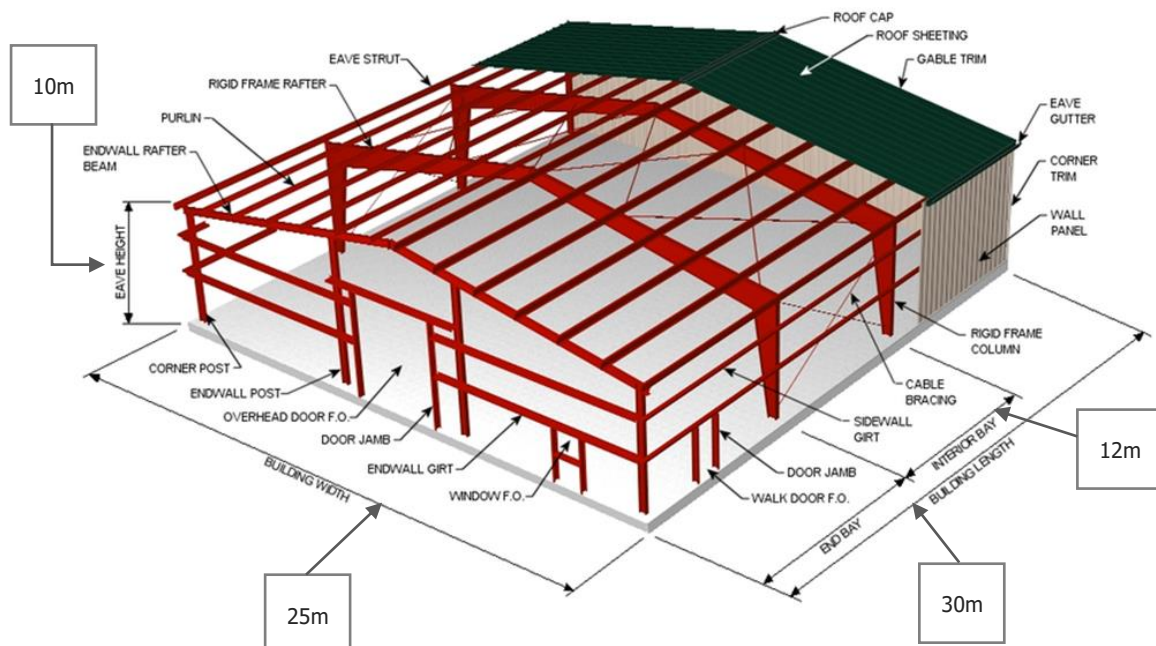


TALKING ABOUT BUILDING SPECIFICATIONS

1. Describing dimensions

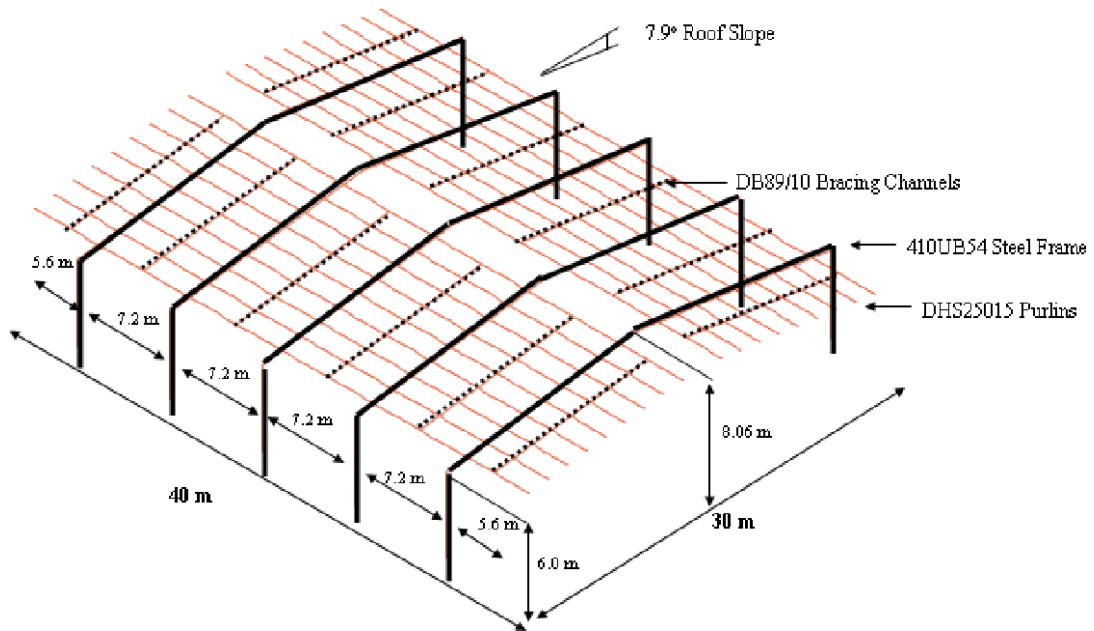
Look at the different ways we can talk about the dimensions of a warehouse:

- The **height** of the eaves is 10 metres. The eaves are 10 metres **high**.
- The **width** of the building is 25 metres. The building is 25 metres **wide**.
- The **length** of the interior bay is 12 metres. The interior bay is 12 metres **long**.
- The **weight** of each steel rafter is 2 tonnes. Each steel rafter **weighs** 2 tonnes.
- The **floor area** of the warehouse is 25 metres **by** 30 metres. The floor area is **750 m²**.
- The **distance between** each rafter is 10m. There is a 10m **gap between** each rafter.
- The **angle** of the roof slope is 7.9 degrees. The roof slope is **angled at** 7.9 degrees.

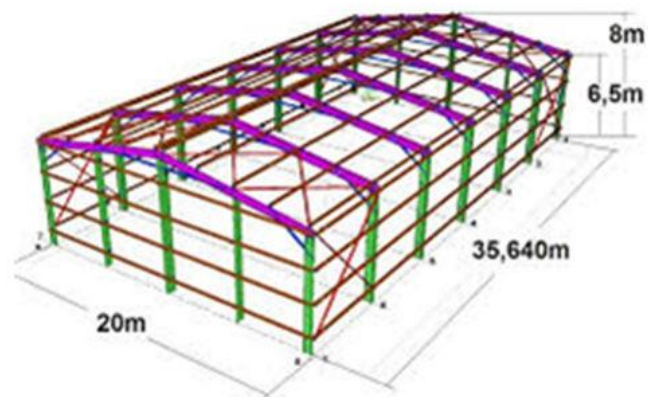


2. Choose one of the drawings below and write your own sentences to describe the dimensions of the building in a similar way.

Drawing One



Drawing Two



I have chosen: (mark an 'x' in one box)

- Drawing One
- Drawing Two

a.

b.

c.

d.

e.

f.

g.

3. Describing structural components.

Match the two halves of the sentences. The first one has been done for you.

The warehouse has a raised floor	←	coated with grey primer.
The steel frame was		clad in composite steel cladding.
The front elevation was		laid at the back of the warehouse.
The rafters were		covered in metal roof sheeting.
Low energy tarmac was		separates the offices from the loading bays.
LED lighting was		fixed to the exterior roof.
Cable bracing was		installed in the ceiling.
A mezzanine		divided into office and storage space.
Photovoltaic panels were		used to secure the steel frame.
The warehouse was	→	constructed of precast concrete planks.

4. Fill in the boxes below with the most appropriate word:

Screwed	Suspended	Cladded	Protected	Chained
Bolted	Taped	Soldered	Supported	Welded

1



from

2



from

3



by

4



around

5


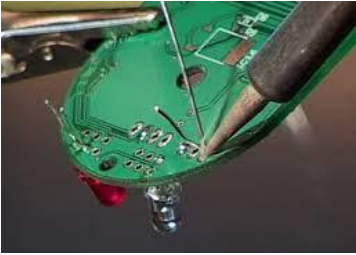
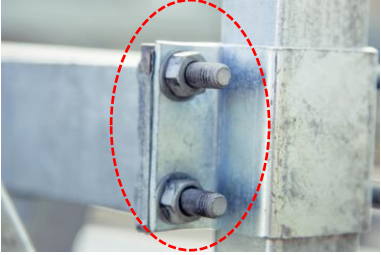
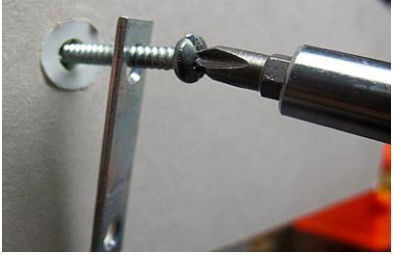


together

6



with

<p>7</p> 	<p>8</p> 
<p><input type="text"/> to</p>	<p><input type="text"/> to</p>
<p>9</p> 	<p>10</p> 
<p><input type="text"/> to</p>	<p><input type="text"/> to</p>

Answers to Exercise 3:	
The warehouse has a raised floor	constructed of precast concrete planks.
The steel frame was	coated with grey primer.
The front elevation was	clad in composite steel cladding.
The rafters were	covered in metal roof sheeting.
Low energy tarmac was	laid at the back of the warehouse.
LED lighting was	installed in the ceiling.
Cable bracing was	used to secure the steel frame.
A mezzanine	separates the offices from the loading bays.
Photovoltaic panels were	fixed to the exterior roof.
The warehouse was	divided into office and storage space.

Answers to Exercise 4:	
1	Protected from ... As in: 'Hard hats protected the workers from falling masonry'.
2	Suspended from ... As in: 'The false ceiling was suspended from the rafters'.
3	Supported by ... As in: 'The old building was supported by rigid steelwork'.
4	Taped around ... As in: 'The workers taped around the unguarded ventilation opening'.
5	Chained to ... As in: 'The equipment was chained together to prevent theft'.
6	Cladded with ... As in: 'The building was cladded with non-combustible aluminium sheets'.
7	Welded to ... As in: 'The strut was welded to the main steel girder'.

8	Soldered to ... As in: 'The wire was soldered to the circuit board.'
9	Bolted to ... As in: 'The strut was bolted to the rafter'.
10	Screwed to ... As in: 'The shelf bracket was screwed to the wall'.