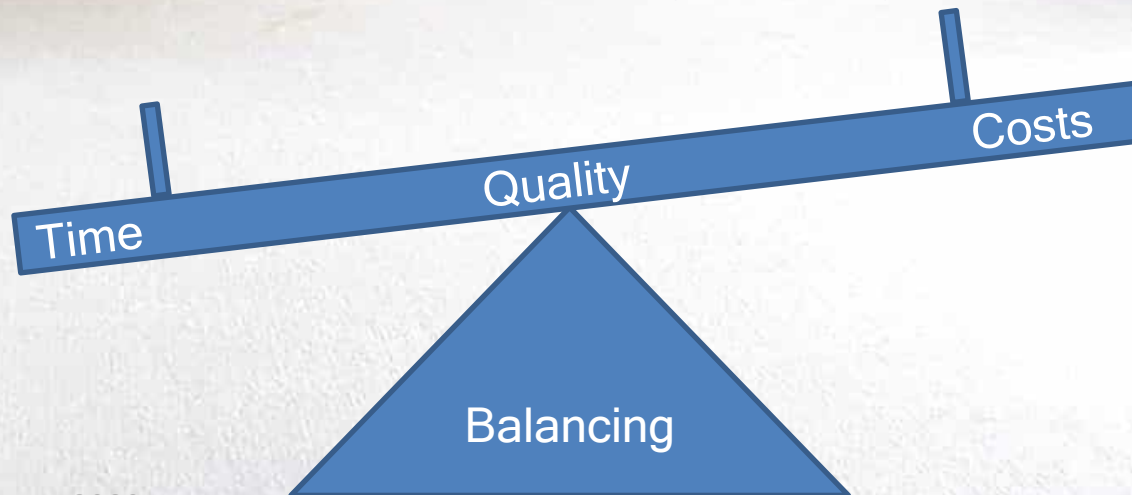


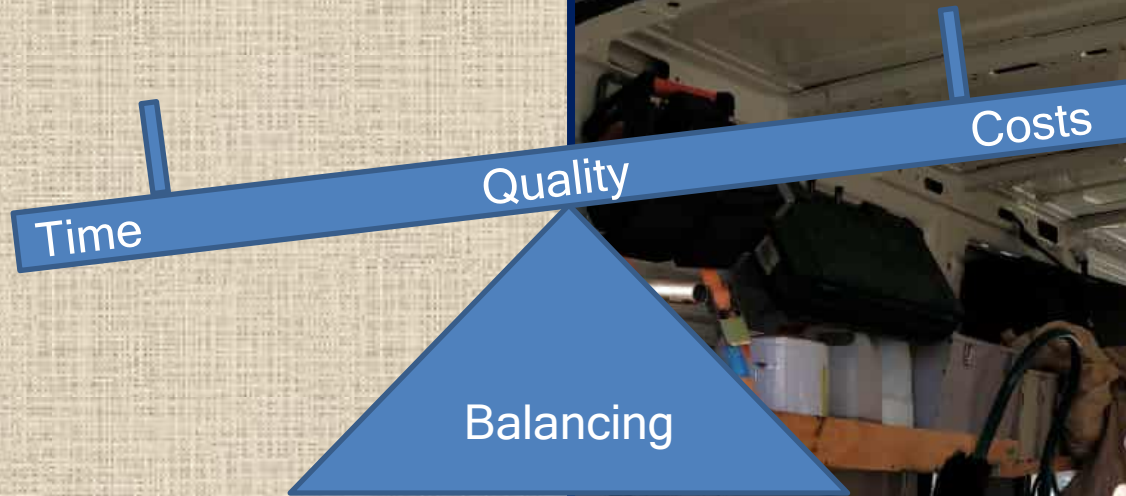
# Accurate job site information

Let's go right back to the start

If it goes wrong at the start it will go wrong on site.



# Game day!



## It's Make or Break

# What Site Information is needed



## Three key areas when planning flooring work

- 1.1 Site conditions
- 1.11 The conditions of the floor surface/edges
- 1.12 Site measurements





1.2

## Access to the Flooring Site

For pricing the job then doing the job

Getting materials/equipment safely onsite.



Buildings on hills.



Car parking, site offices.



Clear access, machinery



## Site Assessment for Flooring Work

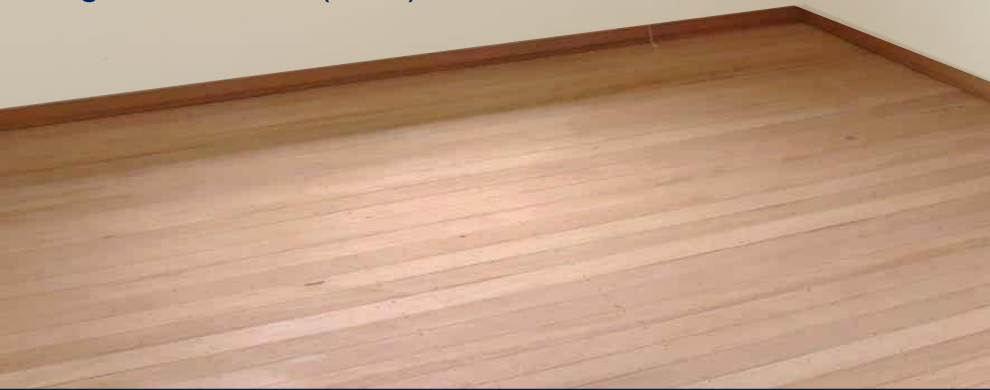


### Part 3 - Site information

Is the Subfloor and Substrate the same?



Tongue & Groove (T&G)



Structural Sheet  
-Particleboard  
-Stand board  
-Plywood

**Subfloor** - is the structure of the floor.  
Commonly Timber and Concrete.

**Substrate** - is the surface that a floor  
covering will be installed on.



Concrete.



Skimming  
Compound.

Levelling compound



Board.

1.1



# Site Conditions

1.5

Scan all edges and doorways.

What else is happening around the site.



Plumbing



Underfloor



Heating



Door & Window sills.

2.5

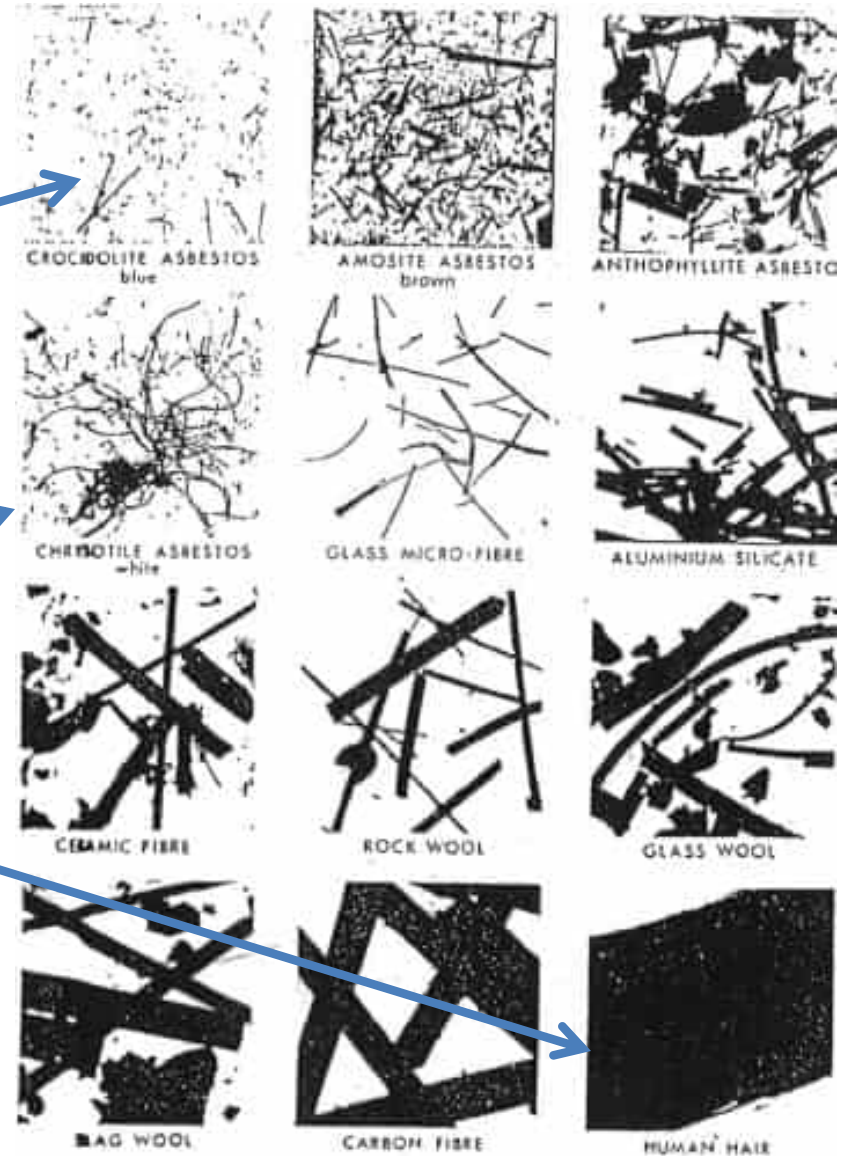


Asbestos Video

# ASBESTOS FIBRE SIZE

Asbestos fibres are tiny.

- Have a look at the size difference between the asbestos fibres
- Human hair

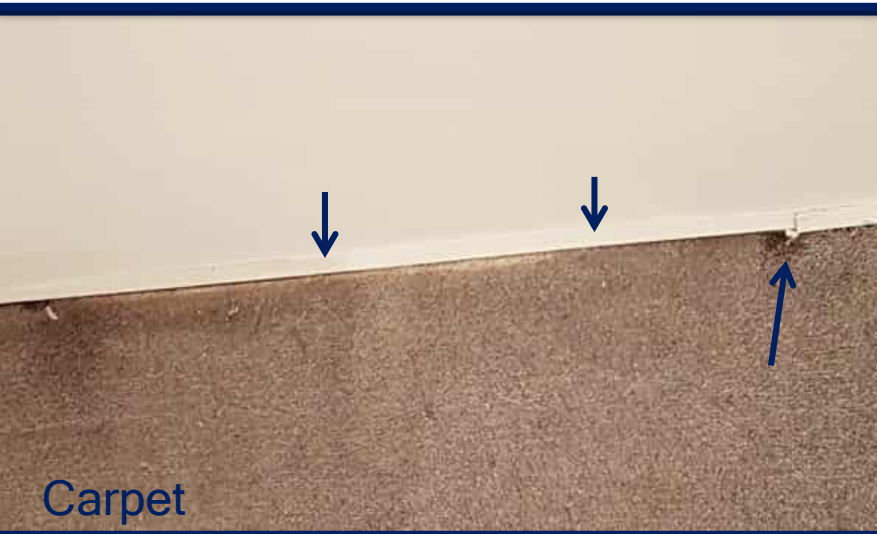




# Site Information continued

1.5 Scan all edges and doorways.

What else can you add?



# A Clear Work Area

## What else can you add?

1.4

The work area needs to be clear and safe for flooring work.





# As with most things, the success of an outcome is down to the preparation

---

We will over view the five principles below for making sure the surface and substrate is acceptable for flooring work.

- ★ 1) Clean surface
- ★ 2) Sound Surface
- ★ 3) Flat Surface
- ★ 4) Smooth Surface
- ★ 5) Dry substrate

1.11



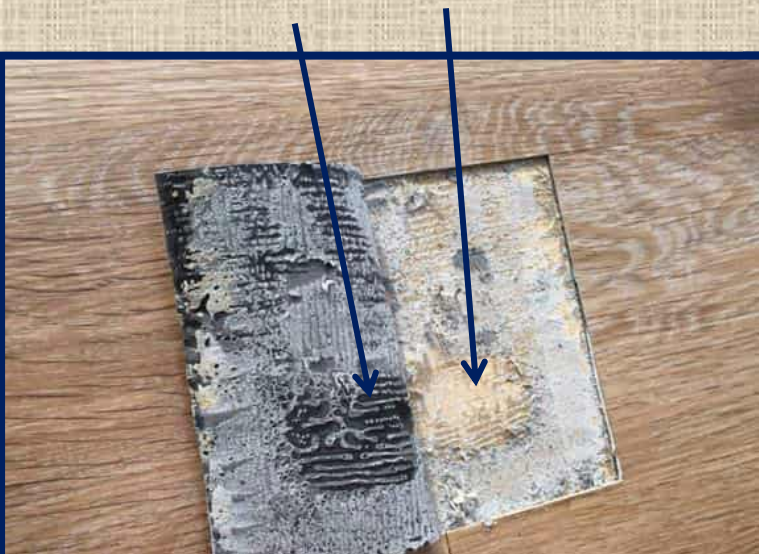
# Assessing the flooring surface

Bonding over old adhesive

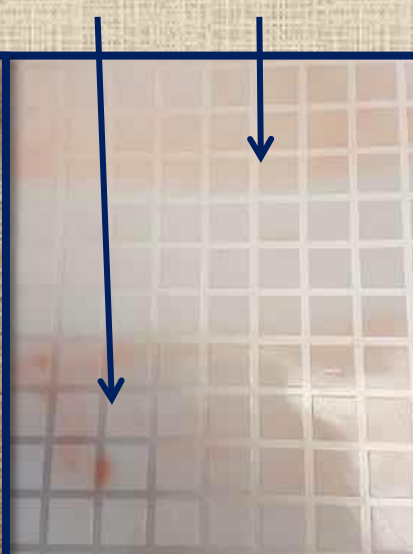


1) **Clean surface** - is needed when bonding anything to it.

Vinyl plank pulled back



Stained sheet vinyl



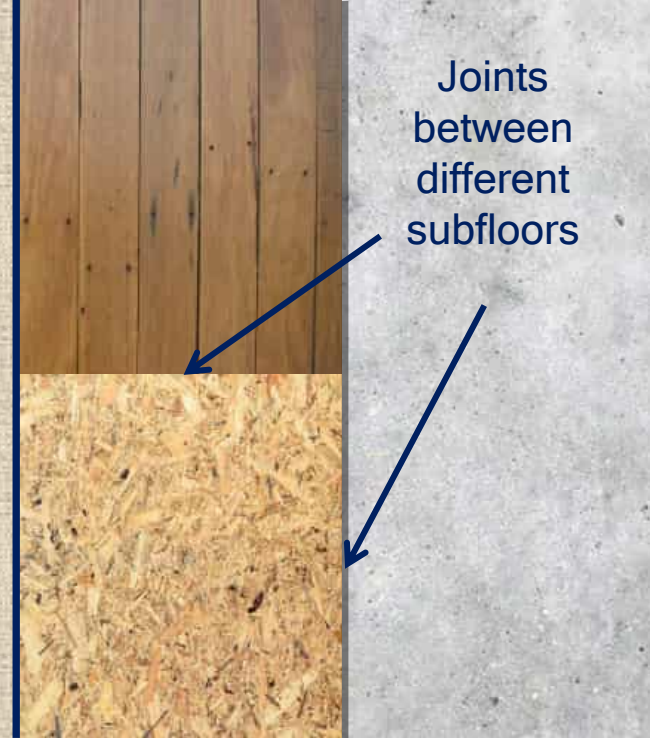
Cut out section of vinyl



1.11

# Assessing the flooring surface

## 2) Sound surface - needs to be firm



Rotten joists /bearers



Broken tongues



Rain damaged concrete



Before rain



Insect damage



Water damaged particle board



# What Tools are useful at a site check?

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1.11

# Assessing the flooring surface

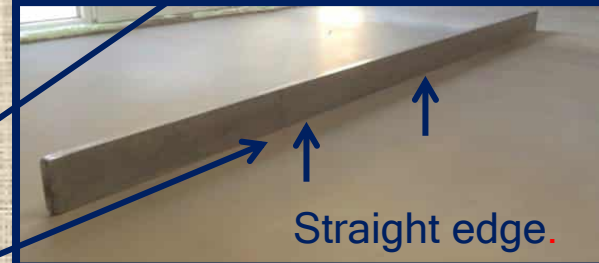
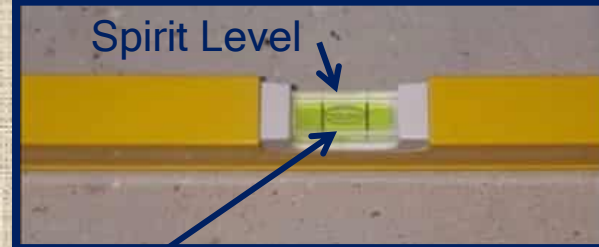
What are the NZS/AS tolerances for a flat (plane) surface for vinyl and carpet?

Is Level and Flat the same?

Level is parallel to the horizon.

3) **Flat surface** - (plane) is a straight line between two points- no gaps

Chairs and furniture can rock if the floor is not flat.



1.11



# Assessing the flooring surface

What is the suggested NZS/AS tolerances for a smooth surface for resilient floor coverings?

4) **Smooth surface** – will differ with the type of floor covering that is going over it.

Natural light.





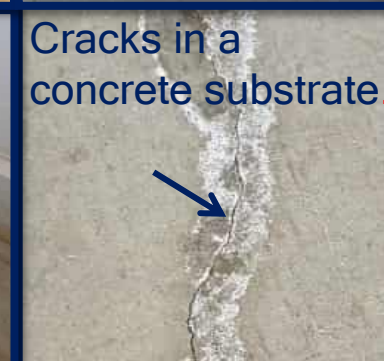
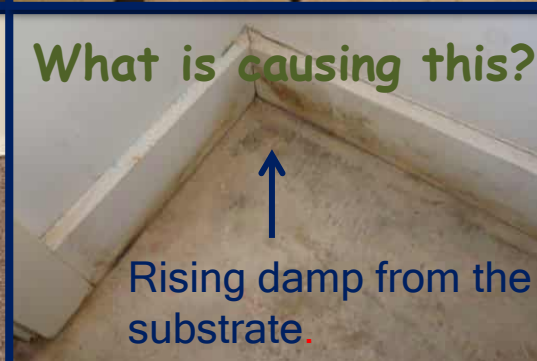
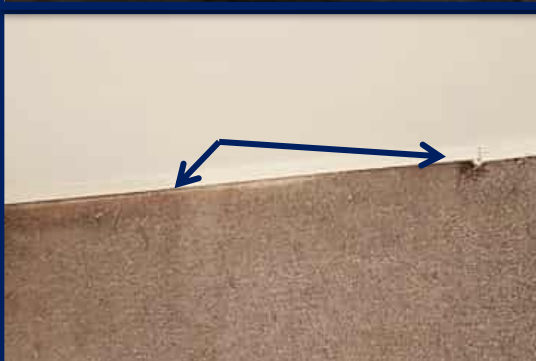
1.11



# Assessing the flooring surface

5) **Dry surface** - are there any visible signs of moisture problems.

What else can you add?





1.11



# Measuring moisture



5.2

**Hygrometer** - Measures the amount of moisture moving out of a concrete slab Relative Humidity (RH).

4.4

**Resistance meters** (Pin Meter)- measure the moisture content (MC) in timber.



# Site Conditions

The drawing can be drawn to scale  
to be planned and quantified

## Existing floor coverings/areas

Existing carpet  
joins

## Linking Measurements

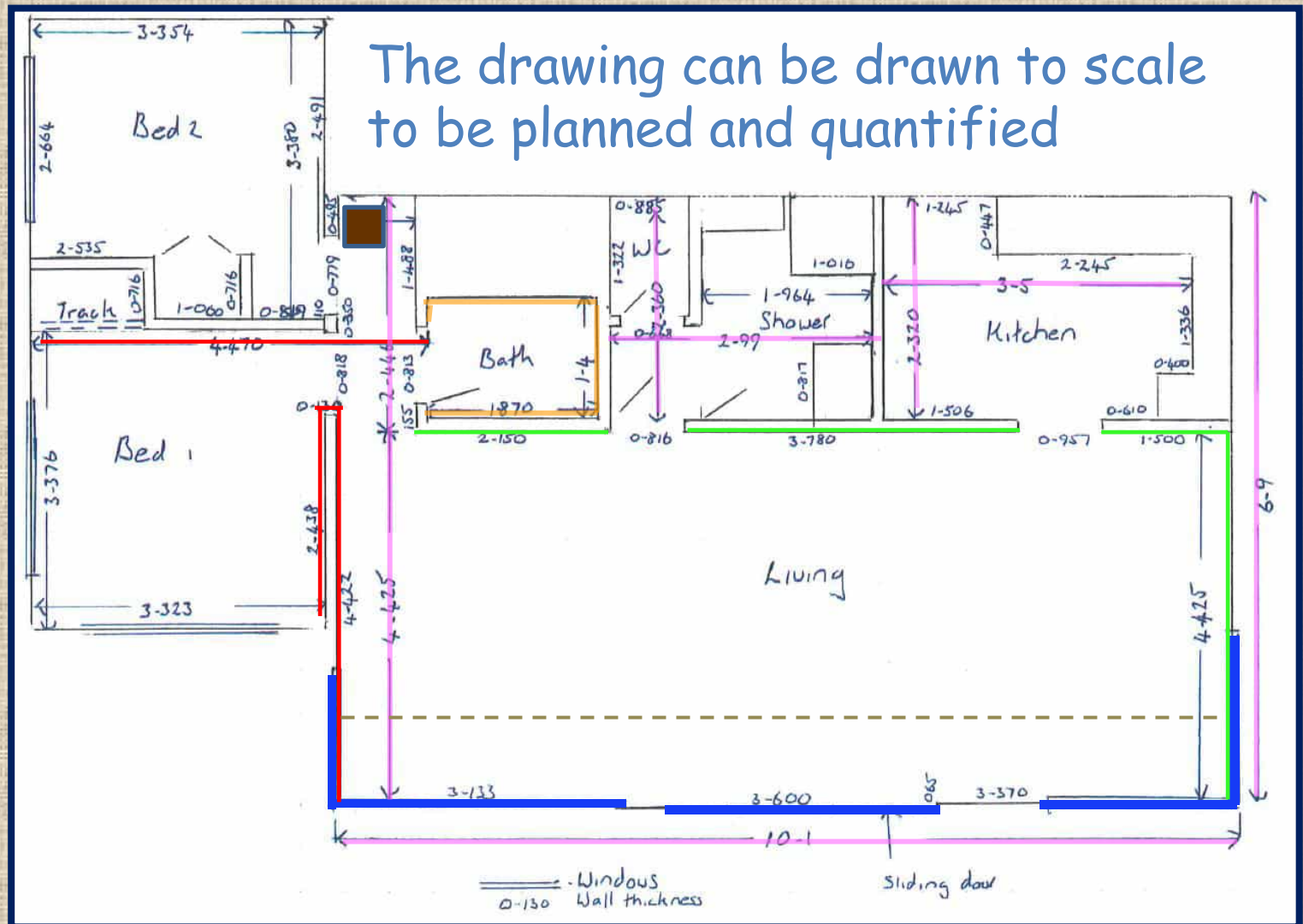
## Overall Measurements

# Windows

## Skirting

# Coving

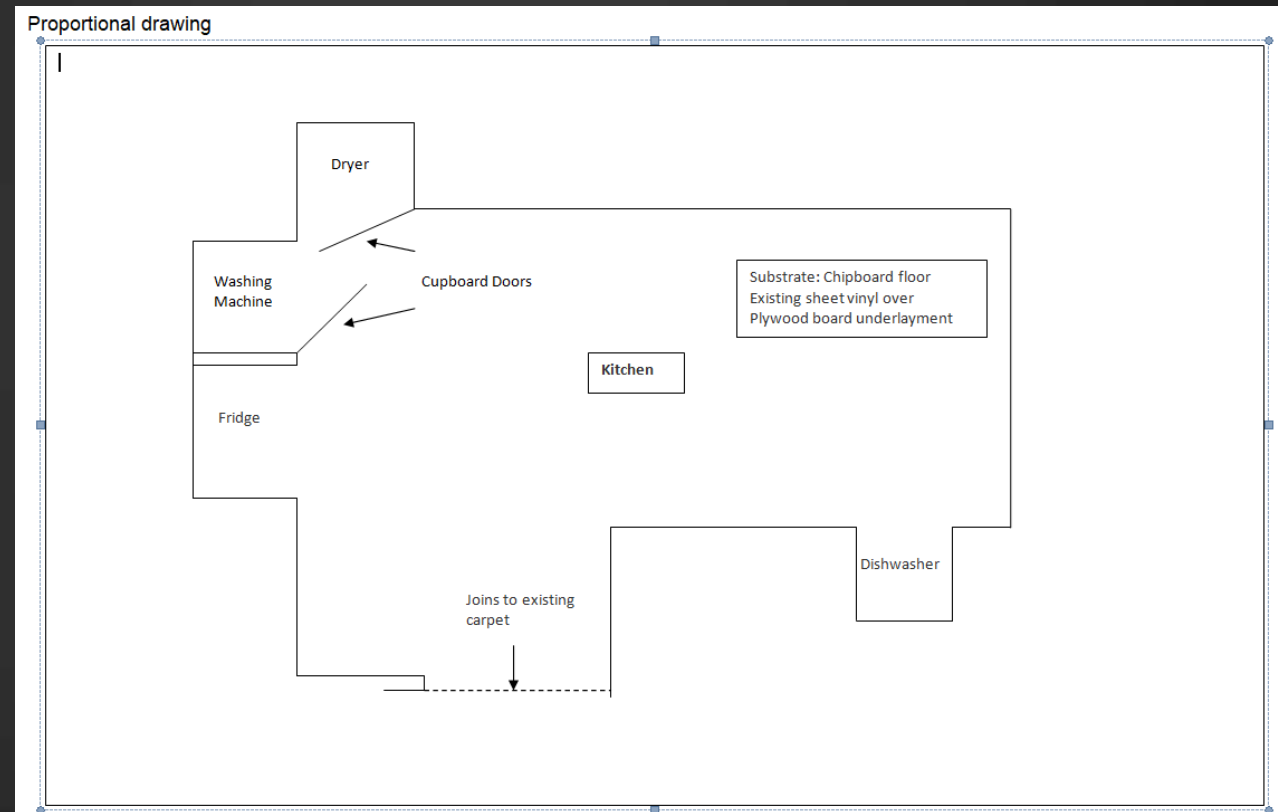
# Trapdoors



# 1. The M4 Assignment Guide in the book

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- ★ Draw a plan of the room that you are in





# Report

★ Model answer, use the 5 principles

‘Attention to detail’

Substrate type – Chipboard

## Substrate examination results

- 1 Clean - Existing is vinyl (8 years old not asbestos) over a plywood board underlayment.
- 2 Sound - Appears sound, no squeaks. Evaluate further when the floor covering is uplifted. Inform client that this can only be determined after uplift.
- 3 Smooth - New boarderlayment needed to meet requirements of floor covering.  
(Note: if this was a new concrete floor have a good look over the floor)
- 4 Flat - floor been checked and is flat with no concerns with meeting specifications for the new floor covering.  
(Note: if this was a new concrete floor have a good look; at some stage it should be checked with a straight edge) +
- 5 Dry - No signs of leaks around appliances, toe spaces. (Note: similar to sound in that any water damage/concerns found beneath can only be determined after uplift)

## Recommendations from evaluation including the worksite surroundings

New vinyl planks to be installed.

- Uplift existing vinyl & board, grind/sand smooth and fit new board.
- Appliances; Fridge, Dishwasher, Drier Dishwasher. Customer to organise plumber to remove appliances
- Cupboard doors may need to be planed. Customer informed and to organise
- no existing coving
- no concerns over windows/doors with sun

Customer informed that a further site evaluation after uplift will be carried out during the preparation work. If there are any concerns the customer will be notified and options provided including any pricing of further work before proceeding.

Note: when evaluating a full house evaluate door and window sills, door heights, sun, underfloor heating etc.

## 2. Workplace Assignment

- ★ A plan and report using the 5 principles 'Attention to detail'

### Task 1 – Examine and evaluate substrates

For this task you will need to get your verifier to complete the observation checklist outlined below for a job you recently completed. You need to provide a plan and report of a house which involves **carpet** and **vinyl** (quantifying not necessary). Your task is to complete and provide a brief report using the principles of evaluating i.e. Clean, Plane, Sound, Smooth & Dry as a **prompt** to evaluate the substrate and the surrounding site conditions. The report needs to include:

- The results of the evaluation of the substrate and surrounding conditions.
- Any recommendations and/or actions needed.

### Observation Checklist

(The tasks should not be ticked off until the student can complete the task to the required standard. List the dates when the student completed these activities and any comments you wish to add.)

Student's Name:	Verifier:												
Type of substrate:													
<table border="1"><thead><tr><th>Task</th><th>Completed</th></tr></thead><tbody><tr><td><input type="checkbox"/> Job details were confirmed with the job sheet.</td><td></td></tr><tr><td><input type="checkbox"/> Job specifications were confirmed.</td><td></td></tr><tr><td><input type="checkbox"/> Appropriate equipment was selected for the substrate examination.</td><td></td></tr><tr><td><input type="checkbox"/> Appropriate substrate examination method was selected.</td><td></td></tr><tr><td><input type="checkbox"/> Evaluation made and information recorded (list and or onsite drawing).</td><td></td></tr></tbody></table>	Task	Completed	<input type="checkbox"/> Job details were confirmed with the job sheet.		<input type="checkbox"/> Job specifications were confirmed.		<input type="checkbox"/> Appropriate equipment was selected for the substrate examination.		<input type="checkbox"/> Appropriate substrate examination method was selected.		<input type="checkbox"/> Evaluation made and information recorded (list and or onsite drawing).		
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Verifier's Name													
Verifier's Signature													
Date													