

MEASURING BUILDING WORK - WORKED EXAMPLES Fanie Buys

Contents:

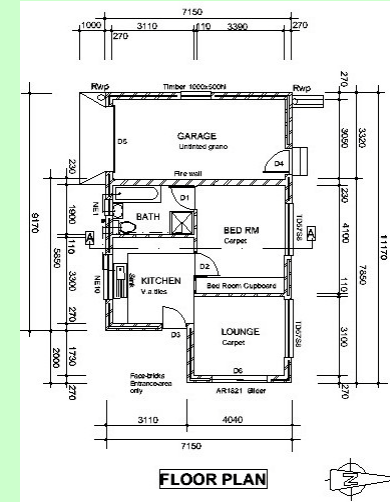
General Information on Quantity Surveying:

- Brief history of Quantity Surveying
- The Quantity Surveyor
- Range of services provided by QS's

Measuring Examples:

- Foundations
- Superstructure Brickwork
- Roofs and rainwater disposal
- Floors and Skirtings
- Ceilings and Cornices
- External and Internal wall finishes
- Windows and adjustments for openings
- Doors and adjustments for openings
- Plumbing and drainage
- Sundries
- Joinery works
- Siteworks
- Provisional sums
- Reinforced concrete structure
- Structural steelwork
- Piling
- Alteration work
- Electrical installations
- Air-conditioning installations

Example of drawing:



Dimensions extract:

FLOORS AND SKIRTINGS		
<u>Measuring List:</u>		
Filling		
Sand		
Dpc		
Concrete		
Screeds		
Floor finishes		
Skirtings & finishes		
6.61		
3.05	Garage	Earth filling supplied by the contractor compacted to 93 % Mod AASH-TO density [m3] [EARTHWORKS 14]
3.11	Bath	
1.90		
3.11	Kitchen	
3.30		
3.39	Bed	
4.10		
3.50	Lounge	
3.10		
		Coarse river sand filling supplied by the contractor, under floors [m3] [EARTHWORKS 14]
		x 0.05
		= m ³



This 190-page book was compiled to assist Quantity Surveying and Construction Management students and practitioners in understanding the measurement of quantities for building work. A full set of drawings, bills of quantities descriptions, measurements and complete bills of quantities are included. It also contains a brief section on the history of the Quantity Surveying profession in South Africa and a list of some of the services provided by Quantity Surveyors.

Sundries:

- Mensuration
- Timber sizes
- Steel mass tables
- Glass sizes

For more information,
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**"A must for students looking
for more measuring
examples"**

Used by various SA universities